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Unique solved — tmt514

Links: [problem](#) (problemset), [Tutorial](#), [submission](#) (first AC).

Sort: [Problem rating](#) · [easier first](#)

Filters: none

Count: 2,019

- 1.**
996A
[Hit the Lottery](#) · [Tutorial](#)
Quality: 118,369 global accepts · Rating: 800 · first AC: 2025-09-01 · GNU C11 (first AC) · Tags: dp, greedy
[tmt514's solution](#)
- 2.**
1780A
[Hayato and School](#) · [Tutorial](#)
Quality: 22,703 global accepts · Rating: 800 · first AC: 2023-01-29 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy
[tmt514's solution](#)
- 3.**
1733A
[Consecutive Sum](#) · [Tutorial](#)
Quality: 21,855 global accepts · Rating: 800 · first AC: 2022-09-19 · Java 17 (first AC) · Tags: greedy, sortings
[tmt514's solution](#)
- 4.**
1154A
[Restoring Three Numbers](#) · [Tutorial](#)
Quality: 87,064 global accepts · Rating: 800 · first AC: 2021-11-13 · C++17 (GCC 7-32) (first AC) · Tags: math
[tmt514's solution](#)
- 5.**
1183A
[Nearest Interesting Number](#) · [Tutorial](#)
Quality: 27,024 global accepts · Rating: 800 · first AC: 2021-11-06 · C++17 (GCC 7-32) (first AC) · Tags: implementation
[tmt514's solution](#)
- 6.**
1497A
[Meximization](#) · [Tutorial](#)
Quality: 26,091 global accepts · Rating: 800 · first AC: 2021-11-01 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, greedy, sortings
[tmt514's solution](#)
- 7.**
1200A
[Hotelier](#) · [Tutorial](#)
Quality: 21,811 global accepts · Rating: 800 · first AC: 2021-11-01 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, implementation
[tmt514's solution](#)
- 8.**
1075A
[The King's Race](#) · [Tutorial](#)
Quality: 9,137 global accepts · Rating: 800 · first AC: 2021-01-29 · C++17 (GCC 7-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)
- 9.**
1186A
[Vus the Cossack and a Contest](#) · [Tutorial](#)
Quality: 42,457 global accepts · Rating: 800 · first AC: 2021-01-29 · C++17 (GCC 7-32) (first AC) · Tags: implementation
[tmt514's solution](#)

10.

1220A

[Cards](#) · [Tutorial](#)

Quality: 32,799 global accepts · Rating: 800 · first AC: 2020-09-20 · C++14 (GCC 6-32) (first AC) · Tags: implementation, sortings, strings
[tmt514's solution](#)

11.

1399A

[Remove Smallest](#) · [Tutorial](#)

Quality: 80,594 global accepts · Rating: 800 · first AC: 2020-09-20 · C++14 (GCC 6-32) (first AC) · Tags: greedy, sortings
[tmt514's solution](#)

12.

1283A

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Quality: 61,298 global accepts · Rating: 800 · first AC: 2019-12-31 · C++14 (GCC 6-32) (first AC) · Tags: math
[tmt514's solution](#)

13.

1209A

[Paint the Numbers](#) · [Tutorial](#)

Quality: 12,841 global accepts · Rating: 800 · first AC: 2019-09-14 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation, math
[tmt514's solution](#)

14.

1108A

[Two distinct points](#) · [Tutorial](#)

Quality: 23,354 global accepts · Rating: 800 · first AC: 2019-03-13 · C++17 (GCC 7-32) (first AC) · Tags: implementation
[tmt514's solution](#)

15.

1030A

[In Search of an Easy Problem](#) · [Tutorial](#)

Quality: 171,457 global accepts · Rating: 800 · first AC: 2019-03-13 · C++17 (GCC 7-32) (first AC) · Tags: implementation
[tmt514's solution](#)

16.

1043A

[Elections](#) · [Tutorial](#)

Quality: 11,279 global accepts · Rating: 800 · first AC: 2018-10-28 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)

17.

1054A

[Elevator or Stairs?](#) · [Tutorial](#)

Quality: 9,591 global accepts · Rating: 800 · first AC: 2018-10-18 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

18.

1015A

[Points in Segments](#) · [Tutorial](#)

Quality: 22,434 global accepts · Rating: 800 · first AC: 2018-09-16 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

19.

1005A

[Tanya and Stairways](#) · [Tutorial](#)

Quality: 27,494 global accepts · Rating: 800 · first AC: 2018-09-16 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

20.

999A

[Mishka and Contest](#) · [Tutorial](#)

Quality: 25,328 global accepts · Rating: 800 · first AC: 2018-09-16 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

21.

1003A

[Polycarp's Pockets](#) · [Tutorial](#)

Quality: 29,983 global accepts · Rating: 800 · first AC: 2018-09-10 · C++14 (GCC 6-32) (first AC) · Tags: implementation
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22.

1006A

[Adjacent Replacements](#) · [Tutorial](#)

Quality: 22,874 global accepts · Rating: 800 · first AC: 2018-09-10 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

23.

854A

[Fraction](#) · [Tutorial](#)

Quality: 14,534 global accepts · Rating: 800 · first AC: 2018-07-12 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, math
[tmt514's solution](#)

24.

912A

[Tricky Alchemy](#) · [Tutorial](#)

Quality: 14,384 global accepts · Rating: 800 · first AC: 2018-07-01 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

25.

988A

[Diverse Team](#) · [Tutorial](#)

Quality: 28,499 global accepts · Rating: 800 · first AC: 2018-06-21 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

26.

935A

[Fafa and his Company](#) · [Tutorial](#)

Quality: 47,234 global accepts · Rating: 800 · first AC: 2018-06-21 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation
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27.

918A

[Eleven](#) · [Tutorial](#)

Quality: 18,242 global accepts · Rating: 800 · first AC: 2018-06-21 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

28.

894A

[QAQ](#) · [Tutorial](#)

Quality: 39,379 global accepts · Rating: 800 · first AC: 2018-06-21 · C++14 (GCC 6-32) (first AC) · Tags: brute force, dp
[tmt514's solution](#)

29.

919A

[Supermarket](#) · [Tutorial](#)

Quality: 16,957 global accepts · Rating: 800 · first AC: 2018-05-19 · C++14 (GCC 6-32) (first AC) · Tags: brute force, greedy, implementation
[tmt514's solution](#)

30.

977A

[Wrong Subtraction](#) · [Tutorial](#)

Quality: 217,496 global accepts · Rating: 800 · first AC: 2018-05-19 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

31.

835A

[Key races](#) · [Tutorial](#)

Quality: 21,712 global accepts · Rating: 800 · first AC: 2018-05-16 · C++14 (GCC 6-32) (first AC) · Tags: math
[tmt514's solution](#)

32.

832A

[Sasha and Sticks](#) · [Tutorial](#)

Quality: 22,148 global accepts · Rating: 800 · first AC: 2018-05-10 · C++14 (GCC 6-32) (first AC) · Tags: games, math
[tmt514's solution](#)

33.

908A

[New Year and Counting Cards](#) · [Tutorial](#)

Quality: 15,841 global accepts · Rating: 800 · first AC: 2018-05-09 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

34.

822A

[I'm bored with life](#) · [Tutorial](#)

Quality: 36,808 global accepts · Rating: 800 · first AC: 2018-05-08 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math, number theory
[tmt514's solution](#)

35.

952A

[Quirky Quantifiers](#) · [Tutorial](#)

Quality: 11,976 global accepts · Rating: 800 · first AC: 2018-04-01 · C++14 (GCC 6-32) (first AC) · Tags: *special, math
[tmt514's solution](#)

36.

664A

[Complicated GCD](#) · [Tutorial](#)

Quality: 21,669 global accepts · Rating: 800 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: math, number theory
[tmt514's solution](#)

37.

748A

[Santa Claus and a Place in a Class](#) · [Tutorial](#)

Quality: 9,346 global accepts · Rating: 800 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)

38.

618A

[Slime Combining](#) · [Tutorial](#)

Quality: 8,806 global accepts · Rating: 800 · first AC: 2017-08-29 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

39.

831B

[Keyboard Layouts](#) · [Tutorial](#)

Quality: 15,649 global accepts · Rating: 800 · first AC: 2017-08-26 · C++14 (GCC 6-32) (first AC) · Tags: implementation, strings
[tmt514's solution](#)

40.

609A

[USB Flash Drives](#) · [Tutorial](#)

Quality: 19,425 global accepts · Rating: 800 · first AC: 2017-07-04 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation, sortings
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41.

624A

[Save Luke](#) · [Tutorial](#)

Quality: 11,161 global accepts · Rating: 800 · first AC: 2017-06-24 · C++14 (GCC 6-32) (first AC) · Tags: math
[tmt514's solution](#)

42.

811A

[Vladik and Courtesy](#) · [Tutorial](#)

Quality: 12,371 global accepts · Rating: 800 · first AC: 2017-06-24 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

43.

620A

[Professor GukiZ's Robot](#) · [Tutorial](#)

Quality: 14,347 global accepts · Rating: 800 · first AC: 2017-06-23 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)

44.

629A

[Far Relative's Birthday Cake](#) · [Tutorial](#)

Quality: 14,847 global accepts · Rating: 800 · first AC: 2017-06-21 · C++14 (GCC 6-32) (first AC) · Tags: brute force, combinatorics, constructive algorithms, implementation
[tmt514's solution](#)

45.

780A

[Andryusha and Socks](#) · [Tutorial](#)

Quality: 22,785 global accepts · Rating: 800 · first AC: 2017-06-15 · last AC: 2017-06-15 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

46.

796A

[Buying A House](#) · [Tutorial](#)

Quality: 13,816 global accepts · Rating: 800 · first AC: 2017-06-13 · last AC: 2017-06-13 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

47.

802G1

[Fake News \(easy\)](#) · [Tutorial](#)

Quality: 8,143 global accepts · Rating: 800 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: implementation, strings
[tmt514's solution](#)

48.

735A

[Ostap and Grasshopper](#) · [Tutorial](#)

Quality: 13,141 global accepts · Rating: 800 · first AC: 2017-05-25 · C++14 (GCC 6-32) (first AC) · Tags: implementation, strings
[tmt514's solution](#)

49.

710A

[King Moves](#) · [Tutorial](#)

Quality: 14,786 global accepts · Rating: 800 · first AC: 2017-05-25 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

50.

746A

[Compote](#) · [Tutorial](#)

Quality: 23,843 global accepts · Rating: 800 · first AC: 2017-05-15 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)

51.

764A

[Taymyr is calling you](#) · [Tutorial](#)

Quality: 17,100 global accepts · Rating: 800 · first AC: 2017-05-15 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation, math
[tmt514's solution](#)

52.

791A

[Bear and Big Brother](#) · [Tutorial](#)

Quality: 257,224 global accepts · Rating: 800 · first AC: 2017-05-13 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

53.

785A

[Anton and Polyhedrons](#) · [Tutorial](#)

Quality: 110,957 global accepts · Rating: 800 · first AC: 2017-05-11 · C++14 (GCC 6-32) (first AC) · Tags: implementation, strings

[tmt514's solution](#)

54.

758A

[Holiday Of Equality](#) · [Tutorial](#)

Quality: 75,306 global accepts · Rating: 800 · first AC: 2017-05-10 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)

55.

702A

[Maximum Increase](#) · [Tutorial](#)

Quality: 55,021 global accepts · Rating: 800 · first AC: 2017-02-04 · C++14 (GCC 6-32) (first AC) · Tags: dp, greedy, implementation
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56.

755A

[PolandBall and Hypothesis](#) · [Tutorial](#)

Quality: 19,785 global accepts · Rating: 800 · first AC: 2017-01-15 · C++14 (GCC 6-32) (first AC) · Tags: brute force, graphs, math, number theory
[tmt514's solution](#)

57.

750A

[New Year and Hurry](#) · [Tutorial](#)

Quality: 92,558 global accepts · Rating: 800 · first AC: 2016-12-30 · C++14 (GCC 6-32) (first AC) · Tags: binary search, brute force, implementation, math
[tmt514's solution](#)

58.

712A

[Memory and Crow](#) · [Tutorial](#)

Quality: 12,587 global accepts · Rating: 800 · first AC: 2016-12-28 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)

59.

749A

[Bachgold Problem](#) · [Tutorial](#)

Quality: 57,085 global accepts · Rating: 800 · first AC: 2016-12-28 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation, math, number theory
[tmt514's solution](#)

60.

595A

[Vitaly and Night](#) · [Tutorial](#)

Quality: 15,502 global accepts · Rating: 800 · first AC: 2016-12-28 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation
[tmt514's solution](#)

61.

680A

[Bear and Five Cards](#) · [Tutorial](#)

Quality: 13,294 global accepts · Rating: 800 · first AC: 2016-12-28 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation
[tmt514's solution](#)

62.

681A

[A Good Contest](#) · [Tutorial](#)

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[tmt514's solution](#)

63.

731A

[Night at the Museum](#) · [Tutorial](#)

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[tmt514's solution](#)

64.

676A

[Nicholas and Permutation](#) · [Tutorial](#)

Quality: 14,699 global accepts · Rating: 800 · first AC: 2016-12-28 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

65.

686A

[Free Ice Cream](#) · [Tutorial](#)

Quality: 43,417 global accepts · Rating: 800 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

66.

688A

[Opponents](#) · [Tutorial](#)

Quality: 14,806 global accepts · Rating: 800 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

67.

734B

[Anton and Digits](#) · [Tutorial](#)

Quality: 31,933 global accepts · Rating: 800 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: brute force, greedy, implementation, math

[tmt514's solution](#)

68.

615A

[Bulbs](#) · [Tutorial](#)

Quality: 19,751 global accepts · Rating: 800 · first AC: 2016-12-27 · last AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

69.

701A

[Cards](#) · [Tutorial](#)

Quality: 21,204 global accepts · Rating: 800 · first AC: 2016-12-26 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

70.

721A

[One-dimensional Japanese Crossword](#) · [Tutorial](#)

Quality: 19,353 global accepts · Rating: 800 · first AC: 2016-12-26 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

71.

734A

[Anton and Danik](#) · [Tutorial](#)

Quality: 195,537 global accepts · Rating: 800 · first AC: 2016-12-26 · C++14 (GCC 6-32) (first AC) · Tags: implementation, strings

[tmt514's solution](#)

72.

716A

[Crazy Computer](#) · [Tutorial](#)

Quality: 24,042 global accepts · Rating: 800 · first AC: 2016-12-26 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

73.

732A

[Buy a Shovel](#) · [Tutorial](#)

Quality: 88,836 global accepts · Rating: 800 · first AC: 2016-12-26 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, implementation, math

[tmt514's solution](#)

74.

703A

[Mishka and Game](#) · [Tutorial](#)

Quality: 66,590 global accepts · Rating: 800 · first AC: 2016-11-26 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

75.

707A

[Brain's Photos](#) · [Tutorial](#)

Quality: 55,788 global accepts · Rating: 800 · first AC: 2016-11-26 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

76.

723A

[The New Year: Meeting Friends](#) · [Tutorial](#)

Quality: 100,717 global accepts · Rating: 800 · first AC: 2016-11-26 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math, sortings
[tmt514's solution](#)

77.

677A

[Vanya and Fence](#) · [Tutorial](#)

Quality: 180,607 global accepts · Rating: 800 · first AC: 2016-11-17 · Haskell (first AC) · Tags: implementation
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78.

705A

[Hulk](#) · [Tutorial](#)

Quality: 132,096 global accepts · Rating: 800 · first AC: 2016-10-11 · Haskell (first AC) · Tags: implementation
[tmt514's solution](#)

79.

711A

[Bus to Udayland](#) · [Tutorial](#)

Quality: 30,978 global accepts · Rating: 800 · first AC: 2016-10-11 · GNU C++11 (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

80.

672A

[Summer Camp](#) · [Tutorial](#)

Quality: 16,678 global accepts · Rating: 800 · first AC: 2016-08-01 · GNU C++11 (first AC) · Tags: implementation
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81.

599A

[Patrick and Shopping](#) · [Tutorial](#)

Quality: 31,438 global accepts · Rating: 800 · first AC: 2016-07-02 · Haskell (first AC) · Tags: implementation
[tmt514's solution](#)

82.

581A

[Vasya the Hipster](#) · [Tutorial](#)

Quality: 84,958 global accepts · Rating: 800 · first AC: 2016-06-17 · GNU C++11 (first AC) · Tags: implementation, math
[tmt514's solution](#)

83.

630A

[Again Twenty Five!](#) · [Tutorial](#)

Quality: 93,514 global accepts · Rating: 800 · first AC: 2016-06-02 · GNU C++11 (first AC) · Tags: number theory
[tmt514's solution](#)

84.

617A

[Elephant](#) · [Tutorial](#)

Quality: 249,136 global accepts · Rating: 800 · first AC: 2016-05-02 · GNU C++11 (first AC) · Tags: math
[tmt514's solution](#)

85.

426A

[Sereja and Mugs](#) · [Tutorial](#)

Quality: 9,955 global accepts · Rating: 800 · first AC: 2015-10-11 · GNU C++11 (first AC) · Tags: implementation

[tmt514's solution](#)

86.

447A

[DZY Loves Hash](#) · [Tutorial](#)

Quality: 10,283 global accepts · Rating: 800 · first AC: 2015-09-01 · GNU C++11 (first AC) · Tags: implementation

[tmt514's solution](#)

87.

551A

[GukiZ and Contest](#) · [Tutorial](#)

Quality: 17,860 global accepts · Rating: 800 · first AC: 2015-07-13 · GNU C++ (first AC) · Tags: brute force, implementation, sortings

[tmt514's solution](#)

88.

540A

[Combination Lock](#) · [Tutorial](#)

Quality: 35,256 global accepts · Rating: 800 · first AC: 2015-07-05 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

89.

520A

[Pangram](#) · [Tutorial](#)

Quality: 127,536 global accepts · Rating: 800 · first AC: 2015-07-03 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

90.

546A

[Soldier and Bananas](#) · [Tutorial](#)

Quality: 235,213 global accepts · Rating: 800 · first AC: 2015-07-03 · GNU C++ (first AC) · Tags: brute force, implementation, math

[tmt514's solution](#)

91.

490A

[Team Olympiad](#) · [Tutorial](#)

Quality: 71,012 global accepts · Rating: 800 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

92.

509A

[Maximum in Table](#) · [Tutorial](#)

Quality: 44,128 global accepts · Rating: 800 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

93.

510A

[Fox And Snake](#) · [Tutorial](#)

Quality: 105,920 global accepts · Rating: 800 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: implementation

[tmt514's solution](#)

94.

469A

[I Wanna Be the Guy](#) · [Tutorial](#)

Quality: 121,199 global accepts · Rating: 800 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

95.

492A

[Vanya and Cubes](#) · [Tutorial](#)

Quality: 63,564 global accepts · Rating: 800 · first AC: 2015-03-13 · GNU C++0x (first AC) · Tags: implementation

[tmt514's solution](#)

96.

486A

[Calculating Function](#) · [Tutorial](#)

Quality: 154,149 global accepts · Rating: 800 · first AC: 2015-03-13 · GNU C++0x (first AC) · Tags: implementation, math
[tmt514's solution](#)

97.

467A

[George and Accommodation](#) · [Tutorial](#)

Quality: 155,943 global accepts · Rating: 800 · first AC: 2015-03-13 · GNU C++0x (first AC) · Tags: implementation
[tmt514's solution](#)

98.

513A

[Game](#) · [Tutorial](#)

Quality: 21,849 global accepts · Rating: 800 · first AC: 2015-02-07 · GNU C++ (first AC) · Tags: constructive algorithms, math
[tmt514's solution](#)

99.

472A

[Design Tutorial: Learn from Math](#) · [Tutorial](#)

Quality: 70,774 global accepts · Rating: 800 · first AC: 2014-09-28 · GNU C++ (first AC) · Tags: math, number theory
[tmt514's solution](#)

100.

432A

[Choosing Teams](#) · [Tutorial](#)

Quality: 69,510 global accepts · Rating: 800 · first AC: 2014-08-30 · GNU C++ (first AC) · Tags: greedy, implementation, sortings
[tmt514's solution](#)

101.

454A

[Little Pony and Crystal Mine](#) · [Tutorial](#)

Quality: 16,120 global accepts · Rating: 800 · first AC: 2014-08-30 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

102.

431A

[Black Square](#) · [Tutorial](#)

Quality: 65,949 global accepts · Rating: 800 · first AC: 2014-08-30 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

103.

443A

[Anton and Letters](#) · [Tutorial](#)

Quality: 112,063 global accepts · Rating: 800 · first AC: 2014-08-30 · GNU C++ (first AC) · Tags: constructive algorithms, implementation
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104.

448A

[Rewards](#) · [Tutorial](#)

Quality: 25,914 global accepts · Rating: 800 · first AC: 2014-08-30 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

105.

427A

[Police Recruits](#) · [Tutorial](#)

Quality: 97,239 global accepts · Rating: 800 · first AC: 2014-07-24 · GNU C++ (first AC) · Tags: implementation
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106.

411A

[Password Check](#) · [Tutorial](#)

Quality: 8,103 global accepts · Rating: 800 · first AC: 2014-04-19 · GNU C++ (first AC) · Tags: *special, implementation
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107.

386A

[Second-Price Auction](#) · [Tutorial](#)

Quality: 7,735 global accepts · Rating: 800 · first AC: 2014-04-01 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

108.

401A

[Vanya and Cards](#) · [Tutorial](#)

Quality: 17,422 global accepts · Rating: 800 · first AC: 2014-03-12 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

109.

384A

[Coder](#) · [Tutorial](#)

Quality: 17,218 global accepts · Rating: 800 · first AC: 2014-02-05 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

110.

381A

[Sereja and Dima](#) · [Tutorial](#)

Quality: 89,820 global accepts · Rating: 800 · first AC: 2014-02-05 · GNU C++ (first AC) · Tags: greedy, implementation, two pointers

[tmt514's solution](#)

111.

363A

[Soroban](#) · [Tutorial](#)

Quality: 11,438 global accepts · Rating: 800 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

112.

361A

[Levko and Table](#) · [Tutorial](#)

Quality: 17,820 global accepts · Rating: 800 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

113.

378A

[Playing with Dice](#) · [Tutorial](#)

Quality: 25,935 global accepts · Rating: 800 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

114.

344A

[Magnets](#) · [Tutorial](#)

Quality: 153,335 global accepts · Rating: 800 · first AC: 2013-09-16 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

115.

339A

[Helpful Maths](#) · [Tutorial](#)

Quality: 275,358 global accepts · Rating: 800 · first AC: 2013-08-27 · GNU C++ (first AC) · Tags: greedy, implementation, sortings, strings

[tmt514's solution](#)

116.

330A

[Cakeminator](#) · [Tutorial](#)

Quality: 31,442 global accepts · Rating: 800 · first AC: 2013-08-07 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

117.

306A

[Candies](#) · [Tutorial](#)

Quality: 8,175 global accepts · Rating: 800 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

118.

302A

[Eugeny and Array](#) · [Tutorial](#)

Quality: 9,761 global accepts · Rating: 800 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

119.

294A

[Shaass and Oskols](#) · [Tutorial](#)

Quality: 28,397 global accepts · Rating: 800 · first AC: 2013-05-06 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

120.

291A

[Spyke Talks](#) · [Tutorial](#)

Quality: 6,477 global accepts · Rating: 800 · first AC: 2013-05-05 · GNU C++ (first AC) · Tags: *special, implementation, sortings

[tmt514's solution](#)

121.

278A

[Circle Line](#) · [Tutorial](#)

Quality: 12,824 global accepts · Rating: 800 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

122.

281A

[Word Capitalization](#) · [Tutorial](#)

Quality: 270,992 global accepts · Rating: 800 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

123.

282A

[Bit++](#) · [Tutorial](#)

Quality: 358,298 global accepts · Rating: 800 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

124.

271A

[Beautiful Year](#) · [Tutorial](#)

Quality: 177,741 global accepts · Rating: 800 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

125.

262A

[Roma and Lucky Numbers](#) · [Tutorial](#)

Quality: 22,449 global accepts · Rating: 800 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

126.

265A

[Colorful Stones \(Simplified Edition\)](#) · [Tutorial](#)

Quality: 42,673 global accepts · Rating: 800 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

127.

263A

[Beautiful Matrix](#) · [Tutorial](#)

Quality: 318,011 global accepts · Rating: 800 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

128.

268A

[Games](#) · [Tutorial](#)

Quality: 104,208 global accepts · Rating: 800 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

129.

266B

[Queue at the School](#) · [Tutorial](#)

Quality: 166,086 global accepts · Rating: 800 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: constructive algorithms, graph matchings, implementation, shortest paths

[tmt514's solution](#)

130.

266A

[Stones on the Table](#) · [Tutorial](#)

Quality: 244,564 global accepts · Rating: 800 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

131.

255A

[Greg's Workout](#) · [Tutorial](#)

Quality: 31,201 global accepts · Rating: 800 · first AC: 2013-01-06 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

132.

248A

[Cupboards](#) · [Tutorial](#)

Quality: 25,061 global accepts · Rating: 800 · first AC: 2012-12-16 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

133.

245A

[System Administrator](#) · [Tutorial](#)

Quality: 9,133 global accepts · Rating: 800 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

134.

177A2

[Good Matrix Elements](#) · [Tutorial](#)

Quality: 8,565 global accepts · Rating: 800 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

135.

177A1

[Good Matrix Elements](#) · [Tutorial](#)

Quality: 11,501 global accepts · Rating: 800 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

136.

236A

[Boy or Girl](#) · [Tutorial](#)

Quality: 279,039 global accepts · Rating: 800 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: brute force, implementation, strings

[tmt514's solution](#)

137.

233A

[Perfect Permutation](#) · [Tutorial](#)

Quality: 49,151 global accepts · Rating: 800 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

138.

231A

[Team](#) · [Tutorial](#)

Quality: 430,276 global accepts · Rating: 800 · first AC: 2012-10-13 · GNU C++ (first AC) · Tags: brute force, greedy

[tmt514's solution](#)

139.

228A

[Is your horseshoe on the other hoof?](#) · [Tutorial](#)

Quality: 139,813 global accepts · Rating: 800 · first AC: 2012-10-13 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

140.

214A

[System of Equations](#) · [Tutorial](#)

Quality: 42,921 global accepts · Rating: 800 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

141.

202A

[LLPS](#) · [Tutorial](#)

Quality: 19,757 global accepts · Rating: 800 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: binary search, bitmasks, brute force, greedy, implementation, strings

[tmt514's solution](#)

142.

200B

[Drinks](#) · [Tutorial](#)

Quality: 148,422 global accepts · Rating: 800 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

143.

181A

[Series of Crimes](#) · [Tutorial](#)

Quality: 8,785 global accepts · Rating: 800 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: brute force, geometry, implementation

[tmt514's solution](#)

144.

172A

[Phone Code](#) · [Tutorial](#)

Quality: 7,517 global accepts · Rating: 800 · first AC: 2012-04-03 · GNU C++ (first AC) · Tags: *special, brute force, implementation

[tmt514's solution](#)

145.

169A

[Chores](#) · [Tutorial](#)

Quality: 8,182 global accepts · Rating: 800 · first AC: 2012-03-31 · GNU C++ (first AC) · Tags: sortings

[tmt514's solution](#)

146.

157A

[Game Outcome](#) · [Tutorial](#)

Quality: 8,614 global accepts · Rating: 800 · first AC: 2012-03-05 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

147.

158A

[Next Round](#) · [Tutorial](#)

Quality: 320,481 global accepts · Rating: 800 · first AC: 2012-03-04 · GNU C++ (first AC) · Tags: *special, implementation

[tmt514's solution](#)

148.

155A

[I love \%username\%](#) · [Tutorial](#)

Quality: 93,666 global accepts · Rating: 800 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

149.

146A

[Lucky Ticket](#) · [Tutorial](#)

Quality: 17,096 global accepts · Rating: 800 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

150.

151A

[Soft Drinking](#) · [Tutorial](#)

Quality: 94,781 global accepts · Rating: 800 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

151.

141A

[Amusing Joke](#) · [Tutorial](#)

Quality: 101,406 global accepts · Rating: 800 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: implementation, sortings, strings
[tmt514's solution](#)

152.

144A

[Arrival of the General](#) · [Tutorial](#)

Quality: 121,415 global accepts · Rating: 800 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

153.

148A

[Insomnia cure](#) · [Tutorial](#)

Quality: 112,399 global accepts · Rating: 800 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: constructive algorithms, implementation, math
[tmt514's solution](#)

154.

136A

[Presents](#) · [Tutorial](#)

Quality: 146,532 global accepts · Rating: 800 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

155.

119A

[Epic Game](#) · [Tutorial](#)

Quality: 29,582 global accepts · Rating: 800 · first AC: 2011-11-07 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

156.

116A

[Tram](#) · [Tutorial](#)

Quality: 176,552 global accepts · Rating: 800 · first AC: 2011-09-22 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

157.

110A

[Nearly Lucky Number](#) · [Tutorial](#)

Quality: 199,502 global accepts · Rating: 800 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

158.

112A

[Petya and Strings](#) · [Tutorial](#)

Quality: 287,264 global accepts · Rating: 800 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: implementation, strings
[tmt514's solution](#)

159.

32B

[Borze](#) · [Tutorial](#)

Quality: 79,753 global accepts · Rating: 800 · first AC: 2011-08-31 · GNU C++ (first AC) · Tags: expression parsing, implementation
[tmt514's solution](#)

160.

32A

[Reconnaissance](#) · [Tutorial](#)

Quality: 14,895 global accepts · Rating: 800 · first AC: 2011-08-31 · GNU C++ (first AC) · Tags: brute force
[tmt514's solution](#)

161.

104A

[Blackjack](#) · [Tutorial](#)

Quality: 17,155 global accepts · Rating: 800 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

162.

99A

[Help Far Away Kingdom](#) · [Tutorial](#)

Quality: 7,726 global accepts · Rating: 800 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: strings

[tmt514's solution](#)

163.

22A

[Second Order Statistics](#) · [Tutorial](#)

Quality: 27,086 global accepts · Rating: 800 · first AC: 2011-08-06 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

164.

16A

[Flag](#) · [Tutorial](#)

Quality: 17,253 global accepts · Rating: 800 · first AC: 2011-08-02 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

165.

14A

[Letter](#) · [Tutorial](#)

Quality: 12,397 global accepts · Rating: 800 · first AC: 2011-07-29 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

166.

12A

[Super Agent](#) · [Tutorial](#)

Quality: 15,428 global accepts · Rating: 800 · first AC: 2011-07-23 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

167.

49A

[Sleuth](#) · [Tutorial](#)

Quality: 15,266 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

168.

47A

[Triangular numbers](#) · [Tutorial](#)

Quality: 18,172 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: brute force, math

[tmt514's solution](#)

169.

92A

[Chips](#) · [Tutorial](#)

Quality: 21,531 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

170.

78A

[Haiku](#) · [Tutorial](#)

Quality: 15,435 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

171.

34A

[Reconnaissance 2](#) · [Tutorial](#)

Quality: 34,683 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

172.

41A

[Translation](#) · [Tutorial](#)

Quality: 188,450 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

173.

59A

[Word](#) · [Tutorial](#)

Quality: 227,933 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation, strings
[tmt514's solution](#)

174.

46A

[Ball Game](#) · [Tutorial](#)

Quality: 9,934 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

175.

38A

[Army](#) · [Tutorial](#)

Quality: 26,489 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

176.

80A

[Panoramix's Prediction](#) · [Tutorial](#)

Quality: 66,308 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: brute force
[tmt514's solution](#)

177.

61A

[Ultra-Fast Mathematician](#) · [Tutorial](#)

Quality: 136,211 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

178.

50A

[Domino piling](#) · [Tutorial](#)

Quality: 318,731 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: greedy, math
[tmt514's solution](#)

179.

71A

[Way Too Long Words](#) · [Tutorial](#)

Quality: 503,267 global accepts · Rating: 800 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: strings
[tmt514's solution](#)

180.

9A

[Die Roll](#) · [Tutorial](#)

Quality: 69,675 global accepts · Rating: 800 · first AC: 2011-06-11 · GNU C++ (first AC) · Tags: math, probabilities
[tmt514's solution](#)

181.

4A

[Watermelon](#) · [Tutorial](#)

Quality: 687,878 global accepts · Rating: 800 · first AC: 2011-04-05 · GNU C++ (first AC) · Tags: brute force, math
[tmt514's solution](#)

182.

1339A

[Filling Diamonds](#) · [Tutorial](#)

Quality: 34,210 global accepts · Rating: 900 · first AC: 2025-09-01 · GNU C11 (first AC) · Tags: brute force, dp, implementation, math
[tmt514's solution](#)

183.

1733B

[Rule of League](#) · [Tutorial](#)

Quality: 21,073 global accepts · Rating: 900 · first AC: 2022-09-19 · Java 11 (first AC) · Tags: constructive algorithms, math
[tmt514's solution](#)

184.

1606A

[AB Balance](#) · [Tutorial](#)

Quality: 37,484 global accepts · Rating: 900 · first AC: 2021-11-06 · C++17 (GCC 7-32) (first AC) · Tags: strings

[tmt514's solution](#)

185.

1248B

[Grow The Tree](#) · [Tutorial](#)

Quality: 18,021 global accepts · Rating: 900 · first AC: 2020-09-26 · C++14 (GCC 6-32) (first AC) · Tags: greedy, math, sortings

[tmt514's solution](#)

186.

1283B

[Candies Division](#) · [Tutorial](#)

Quality: 23,084 global accepts · Rating: 900 · first AC: 2019-12-31 · C++14 (GCC 6-32) (first AC) · Tags: math

[tmt514's solution](#)

187.

977B

[Two-gram](#) · [Tutorial](#)

Quality: 49,782 global accepts · Rating: 900 · first AC: 2018-07-01 · C++14 (GCC 6-32) (first AC) · Tags: implementation, strings

[tmt514's solution](#)

188.

841A

[Generous Kefa](#) · [Tutorial](#)

Quality: 14,049 global accepts · Rating: 900 · first AC: 2018-06-21 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

189.

915A

[Garden](#) · [Tutorial](#)

Quality: 16,021 global accepts · Rating: 900 · first AC: 2018-06-21 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

190.

839A

[Arya and Bran](#) · [Tutorial](#)

Quality: 14,928 global accepts · Rating: 900 · first AC: 2018-05-16 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

191.

914A

[Perfect Squares](#) · [Tutorial](#)

Quality: 15,721 global accepts · Rating: 900 · first AC: 2018-01-20 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation, math

[tmt514's solution](#)

192.

913A

[Modular Exponentiation](#) · [Tutorial](#)

Quality: 24,179 global accepts · Rating: 900 · first AC: 2018-01-08 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math

[tmt514's solution](#)

193.

631A

[Interview](#) · [Tutorial](#)

Quality: 9,749 global accepts · Rating: 900 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

194.

834A

[The Useless Toy](#) · [Tutorial](#)

Quality: 9,100 global accepts · Rating: 900 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

195.

746B

[Decoding](#) · [Tutorial](#)

Quality: 31,890 global accepts · Rating: 900 · first AC: 2017-07-28 · C++14 (GCC 6-32) (first AC) · Tags: implementation, strings
[tmt514's solution](#)

196.

745A

[Hongcow Learns the Cyclic Shift](#) · [Tutorial](#)

Quality: 10,988 global accepts · Rating: 900 · first AC: 2017-07-04 · C++14 (GCC 6-32) (first AC) · Tags: implementation, strings
[tmt514's solution](#)

197.

814A

[An abandoned sentiment from past](#) · [Tutorial](#)

Quality: 11,046 global accepts · Rating: 900 · first AC: 2017-06-29 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy, implementation, sortings

[tmt514's solution](#)

198.

776A

[A Serial Killer](#) · [Tutorial](#)

Quality: 12,886 global accepts · Rating: 900 · first AC: 2017-06-22 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation, strings
[tmt514's solution](#)

199.

709A

[Juicer](#) · [Tutorial](#)

Quality: 37,963 global accepts · Rating: 900 · first AC: 2017-06-21 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

200.

764B

[Timofey and cubes](#) · [Tutorial](#)

Quality: 12,677 global accepts · Rating: 900 · first AC: 2017-05-31 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

201.

768A

[Oath of the Night's Watch](#) · [Tutorial](#)

Quality: 30,842 global accepts · Rating: 900 · first AC: 2017-05-31 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, sortings
[tmt514's solution](#)

202.

808A

[Lucky Year](#) · [Tutorial](#)

Quality: 11,004 global accepts · Rating: 900 · first AC: 2017-05-15 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

203.

586A

[Alena's Schedule](#) · [Tutorial](#)

Quality: 10,591 global accepts · Rating: 900 · first AC: 2017-02-04 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

204.

697A

[Pineapple Incident](#) · [Tutorial](#)

Quality: 13,352 global accepts · Rating: 900 · first AC: 2016-12-28 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)

205.

670A

[Holidays](#) · [Tutorial](#)

Quality: 18,634 global accepts · Rating: 900 · first AC: 2016-12-28 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms,

greedy, math

[tmt514's solution](#)

206.

591A

[Wizards' Duel](#) · [Tutorial](#)

Quality: 17,282 global accepts · Rating: 900 · first AC: 2016-12-28 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math

[tmt514's solution](#)

207.

706A

[Beru-taxi](#) · [Tutorial](#)

Quality: 15,341 global accepts · Rating: 900 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: brute force, geometry, implementation

[tmt514's solution](#)

208.

611A

[New Year and Days](#) · [Tutorial](#)

Quality: 12,180 global accepts · Rating: 900 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

209.

621A

[Wet Shark and Odd and Even](#) · [Tutorial](#)

Quality: 22,676 global accepts · Rating: 900 · first AC: 2016-12-26 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

210.

598A

[Tricky Sum](#) · [Tutorial](#)

Quality: 32,218 global accepts · Rating: 900 · first AC: 2016-07-28 · GNU C++11 (first AC) · Tags: math

[tmt514's solution](#)

211.

588A

[Duff and Meat](#) · [Tutorial](#)

Quality: 24,260 global accepts · Rating: 900 · first AC: 2016-06-21 · GNU C++11 (first AC) · Tags: greedy

[tmt514's solution](#)

212.

580A

[Kefa and First Steps](#) · [Tutorial](#)

Quality: 104,690 global accepts · Rating: 900 · first AC: 2016-05-02 · GNU C++11 (first AC) · Tags: brute force, dp, implementation

[tmt514's solution](#)

213.

572A

[Arrays](#) · [Tutorial](#)

Quality: 18,461 global accepts · Rating: 900 · first AC: 2015-09-04 · GNU C++11 (first AC) · Tags: sortings

[tmt514's solution](#)

214.

554A

[Kyoya and Photobooks](#) · [Tutorial](#)

Quality: 14,490 global accepts · Rating: 900 · first AC: 2015-08-08 · GNU C++ (first AC) · Tags: brute force, math, strings

[tmt514's solution](#)

215.

567A

[Lineland Mail](#) · [Tutorial](#)

Quality: 35,975 global accepts · Rating: 900 · first AC: 2015-08-08 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

216.

501A

[Contest](#) · [Tutorial](#)

Quality: 24,287 global accepts · Rating: 900 · first AC: 2015-08-02 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

217.

496A

[Minimum Difficulty](#) · [Tutorial](#)

Quality: 17,173 global accepts · Rating: 900 · first AC: 2015-08-02 · GNU C++ (first AC) · Tags: brute force, implementation, math
[tmt514's solution](#)

218.

556A

[Case of the Zeros and Ones](#) · [Tutorial](#)

Quality: 46,392 global accepts · Rating: 900 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

219.

545A

[Toy Cars](#) · [Tutorial](#)

Quality: 12,152 global accepts · Rating: 900 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

220.

549A

[Face Detection](#) · [Tutorial](#)

Quality: 10,156 global accepts · Rating: 900 · first AC: 2015-06-06 · GNU C++11 (first AC) · Tags: implementation, strings
[tmt514's solution](#)

221.

465A

[inc ARG](#) · [Tutorial](#)

Quality: 10,445 global accepts · Rating: 900 · first AC: 2015-03-30 · GNU C++11 (first AC) · Tags: implementation
[tmt514's solution](#)

222.

519A

[A and B and Chess](#) · [Tutorial](#)

Quality: 20,130 global accepts · Rating: 900 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: implementation
[tmt514's solution](#)

223.

474A

[Keyboard](#) · [Tutorial](#)

Quality: 54,687 global accepts · Rating: 900 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: implementation
[tmt514's solution](#)

224.

439A

[Devu, the Singer and Churu, the Joker](#) · [Tutorial](#)

Quality: 26,622 global accepts · Rating: 900 · first AC: 2014-08-30 · GNU C++ (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

225.

451A

[Game With Sticks](#) · [Tutorial](#)

Quality: 75,692 global accepts · Rating: 900 · first AC: 2014-08-30 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

226.

460A

[Vasya and Socks](#) · [Tutorial](#)

Quality: 52,024 global accepts · Rating: 900 · first AC: 2014-08-30 · GNU C++ (first AC) · Tags: brute force, implementation, math
[tmt514's solution](#)

227.

424A

[Squats](#) · [Tutorial](#)

Quality: 9,186 global accepts · Rating: 900 · first AC: 2014-04-27 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

228.

408A

[Line to Cashier](#) · [Tutorial](#)

Quality: 11,983 global accepts · Rating: 900 · first AC: 2014-04-19 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

229.

415A

[Mashmokh and Lights](#) · [Tutorial](#)

Quality: 9,591 global accepts · Rating: 900 · first AC: 2014-04-19 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

230.

405A

[Gravity Flip](#) · [Tutorial](#)

Quality: 126,479 global accepts · Rating: 900 · first AC: 2014-04-19 · GNU C++ (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

231.

387A

[George and Sleep](#) · [Tutorial](#)

Quality: 10,543 global accepts · Rating: 900 · first AC: 2014-02-06 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

232.

376A

[Lever](#) · [Tutorial](#)

Quality: 9,878 global accepts · Rating: 900 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

233.

373A

[Collecting Beats is Fun](#) · [Tutorial](#)

Quality: 11,465 global accepts · Rating: 900 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

234.

369A

[Valera and Plates](#) · [Tutorial](#)

Quality: 12,220 global accepts · Rating: 900 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

235.

337A

[Puzzles](#) · [Tutorial](#)

Quality: 94,907 global accepts · Rating: 900 · first AC: 2013-08-27 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

236.

320A

[Magic Numbers](#) · [Tutorial](#)

Quality: 45,423 global accepts · Rating: 900 · first AC: 2013-08-07 · GNU C++ (first AC) · Tags: brute force, greedy

[tmt514's solution](#)

237.

318A

[Even Odds](#) · [Tutorial](#)

Quality: 143,109 global accepts · Rating: 900 · first AC: 2013-06-15 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

238.

313A

[Ilya and Bank Account](#) · [Tutorial](#)

Quality: 65,044 global accepts · Rating: 900 · first AC: 2013-06-09 · GNU C++ (first AC) · Tags: implementation, number theory

[tmt514's solution](#)

239.

299B

[Ksusha the Squirrel](#) · [Tutorial](#)

Quality: 6,440 global accepts · Rating: 900 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

240.

275A

[Lights Out](#) · [Tutorial](#)

Quality: 36,467 global accepts · Rating: 900 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

241.

276A

[Lunch Rush](#) · [Tutorial](#)

Quality: 30,064 global accepts · Rating: 900 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

242.

267A

[Subtractions](#) · [Tutorial](#)

Quality: 9,559 global accepts · Rating: 900 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: math, number theory

[tmt514's solution](#)

243.

263B

[Squares](#) · [Tutorial](#)

Quality: 9,780 global accepts · Rating: 900 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

244.

246A

[Buggy Sorting](#) · [Tutorial](#)

Quality: 10,228 global accepts · Rating: 900 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, sortings

[tmt514's solution](#)

245.

244A

[Dividing Orange](#) · [Tutorial](#)

Quality: 8,565 global accepts · Rating: 900 · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

246.

215A

[Bicycle Chain](#) · [Tutorial](#)

Quality: 16,160 global accepts · Rating: 900 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

247.

208A

[Dubstep](#) · [Tutorial](#)

Quality: 105,065 global accepts · Rating: 900 · first AC: 2012-07-24 · GNU C++ (first AC) · Tags: strings

[tmt514's solution](#)

248.

205A

[Little Elephant and Rozdil](#) · [Tutorial](#)

Quality: 25,227 global accepts · Rating: 900 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

249.

194A

[Exams](#) · [Tutorial](#)

Quality: 10,915 global accepts · Rating: 900 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

250.

199A

[Hexadecimal's theorem](#) · [Tutorial](#)

Quality: 30,290 global accepts · Rating: 900 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, implementation, number theory

[tmt514's solution](#)

251.

168A

[Wizards and Demonstration](#) · [Tutorial](#)

Quality: 11,506 global accepts · Rating: 900 · first AC: 2012-03-31 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

252.

160A

[Twins](#) · [Tutorial](#)

Quality: 143,722 global accepts · Rating: 900 · first AC: 2012-03-09 · GNU C++ (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

253.

130A

[Hexagonal numbers](#) · [Tutorial](#)

Quality: 1,936 global accepts · Rating: 900 · first AC: 2012-03-06 · Befunge (first AC) · Tags: *special, implementation

[tmt514's solution](#)

254.

152A

[Marks](#) · [Tutorial](#)

Quality: 18,618 global accepts · Rating: 900 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

255.

149A

[Business trip](#) · [Tutorial](#)

Quality: 45,989 global accepts · Rating: 900 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

256.

137A

[Postcards and photos](#) · [Tutorial](#)

Quality: 7,834 global accepts · Rating: 900 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

257.

133A

[HQ9+](#) · [Tutorial](#)

Quality: 125,008 global accepts · Rating: 900 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

258.

45A

[Codecraft III](#) · [Tutorial](#)

Quality: 8,111 global accepts · Rating: 900 · first AC: 2011-12-14 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

259.

44A

[Indian Summer](#) · [Tutorial](#)

Quality: 17,490 global accepts · Rating: 900 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

260.

129A

[Cookies](#) · [Tutorial](#)

Quality: 25,210 global accepts · Rating: 900 · first AC: 2011-11-19 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

261.

127A

[Wasted Time](#) · [Tutorial](#)

Quality: 12,591 global accepts · Rating: 900 · first AC: 2011-11-19 · GNU C++ (first AC) · Tags: geometry

[tmt514's solution](#)

262.

52A

[123-sequence](#) · [Tutorial](#)

Quality: 10,581 global accepts · Rating: 900 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

263.

48A

[Rock-paper-scissors](#) · [Tutorial](#)

Quality: 7,292 global accepts · Rating: 900 · first AC: 2011-09-22 · GNU C++ (first AC) · Tags: implementation, schedules

[tmt514's solution](#)

264.

115A

[Party](#) · [Tutorial](#)

Quality: 43,355 global accepts · Rating: 900 · first AC: 2011-09-15 · GNU C++ (first AC) · Tags: dfs and similar, graphs, trees

[tmt514's solution](#)

265.

94A

[Restoring Password](#) · [Tutorial](#)

Quality: 12,266 global accepts · Rating: 900 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

266.

96A

[Football](#) · [Tutorial](#)

Quality: 193,653 global accepts · Rating: 900 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

267.

16B

[Burglar and Matches](#) · [Tutorial](#)

Quality: 20,767 global accepts · Rating: 900 · first AC: 2011-08-02 · GNU C++ (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

268.

26A

[Almost Prime](#) · [Tutorial](#)

Quality: 42,769 global accepts · Rating: 900 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: number theory

[tmt514's solution](#)

269.

34B

[Sale](#) · [Tutorial](#)

Quality: 66,028 global accepts · Rating: 900 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

270.

63A

[Sinking Ship](#) · [Tutorial](#)

Quality: 13,425 global accepts · Rating: 900 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation, sortings, strings

[tmt514's solution](#)

271.

84A

[Toy Army](#) · [Tutorial](#)

Quality: 16,618 global accepts · Rating: 900 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: math, number theory

[tmt514's solution](#)

272.

11A

[Increasing Sequence](#) · [Tutorial](#)

Quality: 15,495 global accepts · Rating: 900 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: constructive algorithms, implementation, math
[tmt514's solution](#)

273.

10A

[Power Consumption Calculation](#) · [Tutorial](#)

Quality: 8,346 global accepts · Rating: 900 · first AC: 2011-06-14 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

274.

6A

[Triangle](#) · [Tutorial](#)

Quality: 22,848 global accepts · Rating: 900 · first AC: 2011-05-10 · GNU C++ (first AC) · Tags: brute force, geometry
[tmt514's solution](#)

275.

1469A

[Regular Bracket Sequence](#) · [Tutorial](#)

Quality: 30,033 global accepts · Rating: 1000 · first AC: 2021-11-21 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy
[tmt514's solution](#)

276.

1312B

[Bogosort](#) · [Tutorial](#)

Quality: 39,050 global accepts · Rating: 1000 · first AC: 2020-09-26 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, sortings
[tmt514's solution](#)

277.

1237A

[Balanced Rating Changes](#) · [Tutorial](#)

Quality: 22,121 global accepts · Rating: 1000 · first AC: 2019-10-16 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)

278.

1054B

[Appending Mex](#) · [Tutorial](#)

Quality: 7,070 global accepts · Rating: 1000 · first AC: 2018-10-18 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

279.

862A

[Mahmoud and Ehab and the MEX](#) · [Tutorial](#)

Quality: 10,705 global accepts · Rating: 1000 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

280.

816A

[Karen and Morning](#) · [Tutorial](#)

Quality: 9,709 global accepts · Rating: 1000 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

281.

608A

[Saitama Destroys Hotel](#) · [Tutorial](#)

Quality: 9,916 global accepts · Rating: 1000 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)

282.

822B

[Crossword solving](#) · [Tutorial](#)

Quality: 10,200 global accepts · Rating: 1000 · first AC: 2017-10-13 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation, strings

[tmt514's solution](#)

283.

777A

[Shell Game](#) · [Tutorial](#)

Quality: 10,884 global accepts · Rating: 1000 · first AC: 2017-10-13 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation, math

[tmt514's solution](#)

284.

831A

[Unimodal Array](#) · [Tutorial](#)

Quality: 11,030 global accepts · Rating: 1000 · first AC: 2017-10-13 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

285.

864A

[Fair Game](#) · [Tutorial](#)

Quality: 12,294 global accepts · Rating: 1000 · first AC: 2017-10-13 · C++14 (GCC 6-32) (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

286.

779A

[Pupils Redistribution](#) · [Tutorial](#)

Quality: 9,704 global accepts · Rating: 1000 · first AC: 2017-07-04 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, math

[tmt514's solution](#)

287.

604A

[Uncowed Forces](#) · [Tutorial](#)

Quality: 9,374 global accepts · Rating: 1000 · first AC: 2017-06-27 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

288.

670B

[Game of Robots](#) · [Tutorial](#)

Quality: 11,989 global accepts · Rating: 1000 · first AC: 2017-06-24 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

289.

805B

[3-palindrome](#) · [Tutorial](#)

Quality: 18,759 global accepts · Rating: 1000 · first AC: 2017-06-24 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms

[tmt514's solution](#)

290.

805A

[Fake NP](#) · [Tutorial](#)

Quality: 19,173 global accepts · Rating: 1000 · first AC: 2017-06-21 · C++14 (GCC 6-32) (first AC) · Tags: greedy, math

[tmt514's solution](#)

291.

699A

[Launch of Collider](#) · [Tutorial](#)

Quality: 18,844 global accepts · Rating: 1000 · first AC: 2017-06-21 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

292.

680B

[Bear and Finding Criminals](#) · [Tutorial](#)

Quality: 26,243 global accepts · Rating: 1000 · first AC: 2017-06-17 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

293.

804A

[Find Amir](#) · [Tutorial](#)

Quality: 16,509 global accepts · Rating: 1000 · first AC: 2017-06-15 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy, math
[tmt514's solution](#)

294.

798A

[Mike and palindrome](#) · [Tutorial](#)

Quality: 23,851 global accepts · Rating: 1000 · first AC: 2017-06-13 · last AC: 2017-06-13 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, strings
[tmt514's solution](#)

295.

672B

[Different is Good](#) · [Tutorial](#)

Quality: 18,531 global accepts · Rating: 1000 · first AC: 2017-05-31 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation, strings
[tmt514's solution](#)

296.

766B

[Mahmoud and a Triangle](#) · [Tutorial](#)

Quality: 38,355 global accepts · Rating: 1000 · first AC: 2017-05-25 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, geometry, greedy, math, number theory, sortings
[tmt514's solution](#)

297.

766A

[Mahmoud and Longest Uncommon Subsequence](#) · [Tutorial](#)

Quality: 34,546 global accepts · Rating: 1000 · first AC: 2017-05-15 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, strings
[tmt514's solution](#)

298.

761A

[Dasha and Stairs](#) · [Tutorial](#)

Quality: 15,138 global accepts · Rating: 1000 · first AC: 2017-05-15 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, implementation, math
[tmt514's solution](#)

299.

757A

[Gotta Catch Em' All!](#) · [Tutorial](#)

Quality: 11,821 global accepts · Rating: 1000 · first AC: 2017-01-12 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

300.

610A

[Pasha and Stick](#) · [Tutorial](#)

Quality: 27,556 global accepts · Rating: 1000 · first AC: 2016-12-28 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, math
[tmt514's solution](#)

301.

742A

[Arpa's hard exam and Mehrdad's naive cheat](#) · [Tutorial](#)

Quality: 51,984 global accepts · Rating: 1000 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math, number theory
[tmt514's solution](#)

302.

732B

[Cormen --- The Best Friend Of a Man](#) · [Tutorial](#)

Quality: 25,769 global accepts · Rating: 1000 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: dp, greedy
[tmt514's solution](#)

303.

688B

[Lovely Palindromes](#) · [Tutorial](#)

Quality: 36,023 global accepts · Rating: 1000 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, math
[tmt514's solution](#)

304.

659A

[Round House](#) · [Tutorial](#)

Quality: 16,828 global accepts · Rating: 1000 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)

305.

733A

[Grasshopper And the String](#) · [Tutorial](#)

Quality: 16,959 global accepts · Rating: 1000 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

306.

725A

[Jumping Ball](#) · [Tutorial](#)

Quality: 7,484 global accepts · Rating: 1000 · first AC: 2016-10-22 · C++14 (GCC 6-32) (first AC) · Tags: implementation
[tmt514's solution](#)

307.

626A

[Robot Sequence](#) · [Tutorial](#)

Quality: 6,700 global accepts · Rating: 1000 · first AC: 2016-08-22 · GNU C++11 (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

308.

579A

[Raising Bacteria](#) · [Tutorial](#)

Quality: 78,929 global accepts · Rating: 1000 · first AC: 2016-07-01 · Haskell (first AC) · Tags: bitmasks
[tmt514's solution](#)

309.

1A

[Theatre Square](#) · [Tutorial](#)

Quality: 320,228 global accepts · Rating: 1000 · first AC: 2010-04-03 · last AC: 2016-07-01 · GNU C++ (first AC) · Tags: math
[tmt514's solution](#)

310.

583A

[Asphalting Roads](#) · [Tutorial](#)

Quality: 11,760 global accepts · Rating: 1000 · first AC: 2016-06-21 · GNU C++11 (first AC) · Tags: implementation
[tmt514's solution](#)

311.

584A

[Olesya and Rodion](#) · [Tutorial](#)

Quality: 52,609 global accepts · Rating: 1000 · first AC: 2016-05-02 · GNU C++11 (first AC) · Tags: math
[tmt514's solution](#)

312.

644A

[Parliament of Berland](#) · [Tutorial](#)

Quality: 4,669 global accepts · Rating: 1000 · first AC: 2016-03-16 · GNU C++11 (first AC) · Tags: *special, constructive algorithms
[tmt514's solution](#)

313.

577A

[Multiplication Table](#) · [Tutorial](#)

Quality: 45,286 global accepts · Rating: 1000 · first AC: 2015-09-14 · GNU C++11 (first AC) · Tags: implementation, number theory
[tmt514's solution](#)

314.

452A

[Eevee](#) · [Tutorial](#)

Quality: 8,513 global accepts · Rating: 1000 · first AC: 2015-09-06 · GNU C++11 (first AC) · Tags: brute force, implementation, strings
[tmt514's solution](#)

315.

447B

[DZY Loves Strings](#) · [Tutorial](#)

Quality: 21,023 global accepts · Rating: 1000 · first AC: 2015-09-01 · GNU C++11 (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

316.

465B

[Inbox \(100500\)](#) · [Tutorial](#)

Quality: 10,870 global accepts · Rating: 1000 · first AC: 2015-08-10 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

317.

499A

[Watching a movie](#) · [Tutorial](#)

Quality: 14,718 global accepts · Rating: 1000 · first AC: 2015-08-10 · GNU C++ (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

318.

435A

[Queue on Bus Stop](#) · [Tutorial](#)

Quality: 11,092 global accepts · Rating: 1000 · first AC: 2015-08-10 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

319.

560A

[Currency System in Geraldion](#) · [Tutorial](#)

Quality: 19,885 global accepts · Rating: 1000 · first AC: 2015-08-08 · GNU C++ (first AC) · Tags: implementation, sortings
[tmt514's solution](#)

320.

499B

[Lecture](#) · [Tutorial](#)

Quality: 44,831 global accepts · Rating: 1000 · first AC: 2015-08-02 · GNU C++ (first AC) · Tags: implementation, strings
[tmt514's solution](#)

321.

552A

[Vanya and Table](#) · [Tutorial](#)

Quality: 10,148 global accepts · Rating: 1000 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

322.

535A

[Tavas and Nafas](#) · [Tutorial](#)

Quality: 13,008 global accepts · Rating: 1000 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

323.

507A

[Amr and Music](#) · [Tutorial](#)

Quality: 21,742 global accepts · Rating: 1000 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: greedy, implementation, sortings
[tmt514's solution](#)

324.

515A

[Drazil and Date](#) · [Tutorial](#)

Quality: 21,977 global accepts · Rating: 1000 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: math
[tmt514's solution](#)

325.

476A

[Dreamoon and Stairs](#) · [Tutorial](#)

Quality: 51,614 global accepts · Rating: 1000 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: implementation, math
[tmt514's solution](#)

326.

479A

[Expression](#) · [Tutorial](#)

Quality: 112,281 global accepts · Rating: 1000 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: brute force, math
[tmt514's solution](#)

327.

500A

[New Year Transportation](#) · [Tutorial](#)

Quality: 62,696 global accepts · Rating: 1000 · first AC: 2015-03-13 · GNU C++0x (first AC) · Tags: dfs and similar, graphs, implementation
[tmt514's solution](#)

328.

165A

[Supercentral Point](#) · [Tutorial](#)

Quality: 26,275 global accepts · Rating: 1000 · first AC: 2012-03-17 · last AC: 2014-10-26 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

329.

462A

[Appleman and Easy Task](#) · [Tutorial](#)

Quality: 17,867 global accepts · Rating: 1000 · first AC: 2014-09-10 · GNU C++ (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

330.

450A

[Jzzhu and Children](#) · [Tutorial](#)

Quality: 44,407 global accepts · Rating: 1000 · first AC: 2014-08-31 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

331.

441A

[Valera and Antique Items](#) · [Tutorial](#)

Quality: 19,293 global accepts · Rating: 1000 · first AC: 2014-08-31 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

332.

404A

[Valera and X](#) · [Tutorial](#)

Quality: 26,207 global accepts · Rating: 1000 · first AC: 2014-04-19 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

333.

400A

[Inna and Choose Options](#) · [Tutorial](#)

Quality: 6,865 global accepts · Rating: 1000 · first AC: 2014-03-08 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

334.

389A

[Fox and Number Game](#) · [Tutorial](#)

Quality: 14,977 global accepts · Rating: 1000 · first AC: 2014-02-06 · GNU C++ (first AC) · Tags: greedy, math
[tmt514's solution](#)

335.

368A

[Sereja and Coat Rack](#) · [Tutorial](#)

Quality: 7,977 global accepts · Rating: 1000 · first AC: 2014-02-06 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

336.

385A

[Bear and Raspberry](#) · [Tutorial](#)

Quality: 17,325 global accepts · Rating: 1000 · first AC: 2014-02-05 · GNU C++ (first AC) · Tags: brute force, greedy, implementation
[tmt514's solution](#)

337.

371A

[K-Periodic Array](#) · [Tutorial](#)

Quality: 6,656 global accepts · Rating: 1000 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: greedy, implementation, math
[tmt514's solution](#)

338.

359A

[Table](#) · [Tutorial](#)

Quality: 9,140 global accepts · Rating: 1000 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, implementation
[tmt514's solution](#)

339.

379A

[New Year Candles](#) · [Tutorial](#)

Quality: 53,267 global accepts · Rating: 1000 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

340.

357A

[Group of Students](#) · [Tutorial](#)

Quality: 7,682 global accepts · Rating: 1000 · first AC: 2013-10-25 · GNU C++ (first AC) · Tags: brute force, greedy, implementation
[tmt514's solution](#)

341.

352A

[Jeff and Digits](#) · [Tutorial](#)

Quality: 28,531 global accepts · Rating: 1000 · first AC: 2013-10-07 · GNU C++ (first AC) · Tags: brute force, implementation, math
[tmt514's solution](#)

342.

336A

[Vasily the Bear and Triangle](#) · [Tutorial](#)

Quality: 10,682 global accepts · Rating: 1000 · first AC: 2013-09-16 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

343.

339B

[Xenia and Ringroad](#) · [Tutorial](#)

Quality: 81,377 global accepts · Rating: 1000 · first AC: 2013-09-16 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

344.

334A

[Candy Bags](#) · [Tutorial](#)

Quality: 20,023 global accepts · Rating: 1000 · first AC: 2013-08-07 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

345.

322A

[Ciel and Dancing](#) · [Tutorial](#)

Quality: 8,943 global accepts · Rating: 1000 · first AC: 2013-07-16 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

346.

72G

[Fibonacci army](#) · [Tutorial](#)

Quality: 2,835 global accepts · Rating: 1000 · first AC: 2013-06-01 · lo (first AC) · Tags: *special, dp
[tmt514's solution](#)

347.

299A

[Ksusha and Array](#) · [Tutorial](#)

Quality: 9,460 global accepts · Rating: 1000 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: brute force, number theory, sortings
[tmt514's solution](#)

348.

284B

[Cows and Poker Game](#) · [Tutorial](#)

Quality: 7,365 global accepts · Rating: 1000 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

349.

272A

[Dima and Friends](#) · [Tutorial](#)

Quality: 27,679 global accepts · Rating: 1000 · first AC: 2013-02-14 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

350.

265B

[Roadside Trees \(Simplified Edition\)](#) · [Tutorial](#)

Quality: 17,924 global accepts · Rating: 1000 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

351.

268B

[Buttons](#) · [Tutorial](#)

Quality: 35,785 global accepts · Rating: 1000 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

352.

259A

[Little Elephant and Chess](#) · [Tutorial](#)

Quality: 10,034 global accepts · Rating: 1000 · first AC: 2013-01-06 · GNU C++ (first AC) · Tags: brute force, strings
[tmt514's solution](#)

353.

250A

[Paper Work](#) · [Tutorial](#)

Quality: 4,805 global accepts · Rating: 1000 · first AC: 2012-12-16 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

354.

177B1

[Rectangular Game](#) · [Tutorial](#)

Quality: 5,101 global accepts · Rating: 1000 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: number theory
[tmt514's solution](#)

355.

234B

[Reading](#) · [Tutorial](#)

Quality: 7,696 global accepts · Rating: 1000 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: sortings
[tmt514's solution](#)

356.

237A

[Free Cash](#) · [Tutorial](#)

Quality: 29,524 global accepts · Rating: 1000 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

357.

230A

[Dragons](#) · [Tutorial](#)

Quality: 97,490 global accepts · Rating: 1000 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: greedy, sortings
[tmt514's solution](#)

358.

221A

[Little Elephant and Function](#) · [Tutorial](#)

Quality: 16,803 global accepts · Rating: 1000 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

359.

219A

[k-String](#) · [Tutorial](#)

Quality: 32,318 global accepts · Rating: 1000 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: implementation, strings
[tmt514's solution](#)

360.

195A

[Let's Watch Football](#) · [Tutorial](#)

Quality: 10,130 global accepts · Rating: 1000 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: binary search, brute force, math
[tmt514's solution](#)

361.

178A2

[Educational Game](#) · [Tutorial](#)

Quality: 1,857 global accepts · Rating: 1000 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

362.

178A1

[Educational Game](#) · [Tutorial](#)

Quality: 1,835 global accepts · Rating: 1000 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

363.

182B

[Vasya's Calendar](#) · [Tutorial](#)

Quality: 7,364 global accepts · Rating: 1000 · first AC: 2012-04-25 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

364.

157B

[Trace](#) · [Tutorial](#)

Quality: 14,187 global accepts · Rating: 1000 · first AC: 2012-03-05 · GNU C++ (first AC) · Tags: geometry, sortings
[tmt514's solution](#)

365.

143A

[Help Vasilisa the Wise 2](#) · [Tutorial](#)

Quality: 15,446 global accepts · Rating: 1000 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: brute force, math
[tmt514's solution](#)

366.

139A

[Petr and Book](#) · [Tutorial](#)

Quality: 37,507 global accepts · Rating: 1000 · first AC: 2011-12-25 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

367.

137B

[Permutation](#) · [Tutorial](#)

Quality: 15,040 global accepts · Rating: 1000 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

368.

131A

[cAPS IOCK](#) · [Tutorial](#)

Quality: 100,976 global accepts · Rating: 1000 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: implementation, strings
[tmt514's solution](#)

369.

127B

[Canvas Frames](#) · [Tutorial](#)

Quality: 10,429 global accepts · Rating: 1000 · first AC: 2011-11-19 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

370.

125B

[Simple XML](#) · [Tutorial](#)

Quality: 3,712 global accepts · Rating: 1000 · first AC: 2011-11-07 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

371.

120A

[Elevator](#) · [Tutorial](#)

Quality: 5,666 global accepts · Rating: 1000 · first AC: 2011-10-18 · last AC: 2011-11-07 · GNU C++ (first AC) · Tags: brute force, implementation, math

[tmt514's solution](#)

372.

122B

[Lucky Substring](#) · [Tutorial](#)

Quality: 13,266 global accepts · Rating: 1000 · first AC: 2011-11-07 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

373.

124A

[The number of positions](#) · [Tutorial](#)

Quality: 44,209 global accepts · Rating: 1000 · first AC: 2011-11-07 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

374.

122A

[Lucky Division](#) · [Tutorial](#)

Quality: 149,801 global accepts · Rating: 1000 · first AC: 2011-11-07 · GNU C++ (first AC) · Tags: brute force, number theory

[tmt514's solution](#)

375.

35A

[Shell Game](#) · [Tutorial](#)

Quality: 7,583 global accepts · Rating: 1000 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

376.

118B

[Present from Lena](#) · [Tutorial](#)

Quality: 34,584 global accepts · Rating: 1000 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

377.

118A

[String Task](#) · [Tutorial](#)

Quality: 231,434 global accepts · Rating: 1000 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

378.

56A

[Bar](#) · [Tutorial](#)

Quality: 9,639 global accepts · Rating: 1000 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

379.

102B

[Sum of Digits](#) · [Tutorial](#)

Quality: 31,942 global accepts · Rating: 1000 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

380.

108A

[Palindromic Times](#) · [Tutorial](#)

Quality: 10,346 global accepts · Rating: 1000 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

381.

114A

[Cifera](#) · [Tutorial](#)

Quality: 15,080 global accepts · Rating: 1000 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

382.

106B

[Choosing Laptop](#) · [Tutorial](#)

Quality: 6,867 global accepts · Rating: 1000 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

383.

106A

[Card Game](#) · [Tutorial](#)

Quality: 8,536 global accepts · Rating: 1000 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

384.

109A

[Lucky Sum of Digits](#) · [Tutorial](#)

Quality: 19,822 global accepts · Rating: 1000 · first AC: 2011-08-29 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

385.

29A

[Spit Problem](#) · [Tutorial](#)

Quality: 8,277 global accepts · Rating: 1000 · first AC: 2011-08-23 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

386.

90A

[Cableway](#) · [Tutorial](#)

Quality: 5,494 global accepts · Rating: 1000 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: greedy, math

[tmt514's solution](#)

387.

17A

[Noldbach problem](#) · [Tutorial](#)

Quality: 21,402 global accepts · Rating: 1000 · first AC: 2011-08-02 · GNU C++ (first AC) · Tags: brute force, math, number theory

[tmt514's solution](#)

388.

14B

[Young Photographer](#) · [Tutorial](#)

Quality: 8,305 global accepts · Rating: 1000 · first AC: 2011-07-31 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

389.

13A

[Numbers](#) · [Tutorial](#)

Quality: 9,440 global accepts · Rating: 1000 · first AC: 2011-07-25 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

390.

75A

[Life Without Zeros](#) · [Tutorial](#)

Quality: 29,722 global accepts · Rating: 1000 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

391.

43A

[Football](#) · [Tutorial](#)

Quality: 69,169 global accepts · Rating: 1000 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: strings

[tmt514's solution](#)

392.

74A

[Room Leader](#) · [Tutorial](#)

Quality: 5,871 global accepts · Rating: 1000 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

393.

58A

[Chat room](#) · [Tutorial](#)

Quality: 155,994 global accepts · Rating: 1000 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: greedy, strings
[tmt514's solution](#)

394.

37A

[Towers](#) · [Tutorial](#)

Quality: 27,690 global accepts · Rating: 1000 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: sortings
[tmt514's solution](#)

395.

69A

[Young Physicist](#) · [Tutorial](#)

Quality: 202,367 global accepts · Rating: 1000 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

396.

5A

[Chat Servers Outgoing Traffic](#) · [Tutorial](#)

Quality: 11,124 global accepts · Rating: 1000 · first AC: 2011-05-05 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

397.

3A

[Shortest path of the king](#) · [Tutorial](#)

Quality: 22,145 global accepts · Rating: 1000 · first AC: 2011-03-28 · GNU C++ (first AC) · Tags: greedy, shortest paths
[tmt514's solution](#)

398.

1780B

[GCD Partition](#) · [Tutorial](#)

Quality: 25,977 global accepts · Rating: 1100 · first AC: 2023-01-29 · C++17 (GCC 7-32) (first AC) · Tags: brute force, greedy, math, number theory
[tmt514's solution](#)

399.

919B

[Perfect Number](#) · [Tutorial](#)

Quality: 31,608 global accepts · Rating: 1100 · first AC: 2018-06-22 · C++14 (GCC 6-32) (first AC) · Tags: binary search, brute force, dp, implementation, number theory
[tmt514's solution](#)

400.

842B

[Gleb And Pizza](#) · [Tutorial](#)

Quality: 10,954 global accepts · Rating: 1100 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: geometry
[tmt514's solution](#)

401.

841B

[Godsend](#) · [Tutorial](#)

Quality: 13,187 global accepts · Rating: 1100 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: games, math
[tmt514's solution](#)

402.

789A

[Anastasia and pebbles](#) · [Tutorial](#)

Quality: 9,823 global accepts · Rating: 1100 · first AC: 2017-08-26 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math

[tmt514's solution](#)

403.

705B

[Spider Man](#) · [Tutorial](#)

Quality: 9,567 global accepts · Rating: 1100 · first AC: 2017-08-26 · C++14 (GCC 6-32) (first AC) · Tags: games, math

[tmt514's solution](#)

404.

712B

[Memory and Trident](#) · [Tutorial](#)

Quality: 10,315 global accepts · Rating: 1100 · first AC: 2017-08-26 · C++14 (GCC 6-32) (first AC) · Tags: implementation, strings

[tmt514's solution](#)

405.

835B

[The number on the board](#) · [Tutorial](#)

Quality: 11,420 global accepts · Rating: 1100 · first AC: 2017-08-26 · last AC: 2017-08-26 · C++14 (GCC 6-32) (first AC) · Tags: greedy

[tmt514's solution](#)

406.

779B

[Weird Rounding](#) · [Tutorial](#)

Quality: 10,709 global accepts · Rating: 1100 · first AC: 2017-08-26 · C++14 (GCC 6-32) (first AC) · Tags: brute force, greedy

[tmt514's solution](#)

407.

602A

[Two Bases](#) · [Tutorial](#)

Quality: 8,796 global accepts · Rating: 1100 · first AC: 2017-07-04 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

408.

592B

[The Monster and the Squirrel](#) · [Tutorial](#)

Quality: 8,823 global accepts · Rating: 1100 · first AC: 2017-06-30 · C++14 (GCC 6-32) (first AC) · Tags: math

[tmt514's solution](#)

409.

596B

[Wilbur and Array](#) · [Tutorial](#)

Quality: 10,891 global accepts · Rating: 1100 · first AC: 2017-06-27 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

410.

785B

[Anton and Classes](#) · [Tutorial](#)

Quality: 10,633 global accepts · Rating: 1100 · first AC: 2017-06-23 · C++14 (GCC 6-32) (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

411.

758B

[Blown Garland](#) · [Tutorial](#)

Quality: 10,729 global accepts · Rating: 1100 · first AC: 2017-06-23 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation, number theory

[tmt514's solution](#)

412.

682A

[Alyona and Numbers](#) · [Tutorial](#)

Quality: 23,994 global accepts · Rating: 1100 · first AC: 2017-06-15 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, math, number theory

[tmt514's solution](#)

413.

723B

[Text Document Analysis](#) · [Tutorial](#)

Quality: 10,856 global accepts · Rating: 1100 · first AC: 2017-06-13 · last AC: 2017-06-13 · C++14 (GCC 6-32) (first AC) · Tags: expression parsing, implementation, strings

[tmt514's solution](#)

414.

714A

[Meeting of Old Friends](#) · [Tutorial](#)

Quality: 11,146 global accepts · Rating: 1100 · first AC: 2017-05-25 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math

[tmt514's solution](#)

415.

799A

[Carrot Cakes](#) · [Tutorial](#)

Quality: 21,444 global accepts · Rating: 1100 · first AC: 2017-05-11 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

416.

721B

[Passwords](#) · [Tutorial](#)

Quality: 12,467 global accepts · Rating: 1100 · first AC: 2017-02-04 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math, sortings, strings

[tmt514's solution](#)

417.

581B

[Luxurious Houses](#) · [Tutorial](#)

Quality: 13,647 global accepts · Rating: 1100 · first AC: 2017-02-04 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math

[tmt514's solution](#)

418.

755B

[PolandBall and Game](#) · [Tutorial](#)

Quality: 12,880 global accepts · Rating: 1100 · first AC: 2017-01-15 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, games, greedy, sortings, strings

[tmt514's solution](#)

419.

733B

[Parade](#) · [Tutorial](#)

Quality: 10,951 global accepts · Rating: 1100 · first AC: 2016-12-28 · C++14 (GCC 6-32) (first AC) · Tags: math

[tmt514's solution](#)

420.

675A

[Infinite Sequence](#) · [Tutorial](#)

Quality: 15,575 global accepts · Rating: 1100 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: math

[tmt514's solution](#)

421.

706B

[Interesting drink](#) · [Tutorial](#)

Quality: 84,457 global accepts · Rating: 1100 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: binary search, dp, implementation

[tmt514's solution](#)

422.

651A

[Joysticks](#) · [Tutorial](#)

Quality: 24,139 global accepts · Rating: 1100 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: dp, greedy, implementation, math

[tmt514's solution](#)

423.

719A

[Vitya in the Countryside](#) · [Tutorial](#)

Quality: 16,393 global accepts · Rating: 1100 · first AC: 2016-12-27 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

424.

618B

[Guess the Permutation](#) · [Tutorial](#)

Quality: 8,324 global accepts · Rating: 1100 · first AC: 2016-08-07 · GNU C++ (first AC) · Tags: constructive algorithms

[tmt514's solution](#)

425.

505A

[Mr. Kitayuta's Gift](#) · [Tutorial](#)

Quality: 6,921 global accepts · Rating: 1100 · first AC: 2015-12-27 · GNU C++11 (first AC) · Tags: brute force, implementation, strings

[tmt514's solution](#)

426.

501B

[Misha and Changing Handles](#) · [Tutorial](#)

Quality: 19,423 global accepts · Rating: 1100 · first AC: 2015-12-27 · GNU C++11 (first AC) · Tags: data structures, dsu, strings

[tmt514's solution](#)

427.

433A

[Kitahara Haruki's Gift](#) · [Tutorial](#)

Quality: 17,890 global accepts · Rating: 1100 · first AC: 2015-11-27 · GNU C++11 (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

428.

544A

[Set of Strings](#) · [Tutorial](#)

Quality: 8,810 global accepts · Rating: 1100 · first AC: 2015-10-28 · GNU C++11 (first AC) · Tags: implementation, strings

[tmt514's solution](#)

429.

166A

[Rank List](#) · [Tutorial](#)

Quality: 21,005 global accepts · Rating: 1100 · first AC: 2012-03-23 · last AC: 2015-09-12 · GNU C++ (first AC) · Tags: binary search, implementation, sortings

[tmt514's solution](#)

430.

488A

[Giga Tower](#) · [Tutorial](#)

Quality: 14,943 global accepts · Rating: 1100 · first AC: 2015-09-04 · GNU C++11 (first AC) · Tags: brute force

[tmt514's solution](#)

431.

82A

[Double Cola](#) · [Tutorial](#)

Quality: 32,235 global accepts · Rating: 1100 · first AC: 2011-05-06 · last AC: 2015-09-04 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

432.

495A

[Digital Counter](#) · [Tutorial](#)

Quality: 8,963 global accepts · Rating: 1100 · first AC: 2015-09-01 · GNU C++11 (first AC) · Tags: implementation

[tmt514's solution](#)

433.

556B

[Case of Fake Numbers](#) · [Tutorial](#)

Quality: 8,194 global accepts · Rating: 1100 · first AC: 2015-08-29 · GNU C++11 (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

434.

570A

[Elections](#) · [Tutorial](#)

Quality: 14,331 global accepts · Rating: 1100 · first AC: 2015-08-23 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

435.

558A

[Lala Land and Apple Trees](#) · [Tutorial](#)

Quality: 10,995 global accepts · Rating: 1100 · first AC: 2015-08-12 · GNU C++ (first AC) · Tags: brute force, implementation, sortings
[tmt514's solution](#)

436.

535B

[Tavas and SaDDas](#) · [Tutorial](#)

Quality: 26,662 global accepts · Rating: 1100 · first AC: 2015-08-12 · GNU C++ (first AC) · Tags: bitmasks, brute force, combinatorics, implementation
[tmt514's solution](#)

437.

545B

[Equidistant String](#) · [Tutorial](#)

Quality: 12,237 global accepts · Rating: 1100 · first AC: 2015-08-10 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

438.

483A

[Counterexample](#) · [Tutorial](#)

Quality: 24,886 global accepts · Rating: 1100 · first AC: 2015-08-09 · GNU C++ (first AC) · Tags: brute force, implementation, math, number theory
[tmt514's solution](#)

439.

508A

[Pasha and Pixels](#) · [Tutorial](#)

Quality: 8,455 global accepts · Rating: 1100 · first AC: 2015-08-08 · GNU C++ (first AC) · Tags: brute force
[tmt514's solution](#)

440.

548A

[Mike and Fax](#) · [Tutorial](#)

Quality: 10,330 global accepts · Rating: 1100 · first AC: 2015-08-02 · GNU C++ (first AC) · Tags: brute force, implementation, strings
[tmt514's solution](#)

441.

557A

[Ilya and Diplomas](#) · [Tutorial](#)

Quality: 8,507 global accepts · Rating: 1100 · first AC: 2015-08-02 · GNU C++ (first AC) · Tags: greedy, implementation, math
[tmt514's solution](#)

442.

525A

[Vitaliy and Pie](#) · [Tutorial](#)

Quality: 16,379 global accepts · Rating: 1100 · first AC: 2015-08-02 · GNU C++ (first AC) · Tags: greedy, hashing, strings
[tmt514's solution](#)

443.

534A

[Exam](#) · [Tutorial](#)

Quality: 12,926 global accepts · Rating: 1100 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: constructive algorithms, implementation, math
[tmt514's solution](#)

444.

456A

[Laptops](#) · [Tutorial](#)

Quality: 56,788 global accepts · Rating: 1100 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: sortings
[tmt514's solution](#)

445.

519B

[A and B and Compilation Errors](#) · [Tutorial](#)

Quality: 43,710 global accepts · Rating: 1100 · first AC: 2015-07-13 · GNU C++ (first AC) · Tags: data structures, implementation, sortings

[tmt514's solution](#)

446.

527A

[Playing with Paper](#) · [Tutorial](#)

Quality: 15,552 global accepts · Rating: 1100 · first AC: 2015-07-05 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

447.

463B

[Caisa and Pylons](#) · [Tutorial](#)

Quality: 29,965 global accepts · Rating: 1100 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: brute force, implementation, math

[tmt514's solution](#)

448.

467B

[Fedor and New Game](#) · [Tutorial](#)

Quality: 42,853 global accepts · Rating: 1100 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: bitmasks, brute force, constructive algorithms, implementation

[tmt514's solution](#)

449.

471A

[MUH and Sticks](#) · [Tutorial](#)

Quality: 13,763 global accepts · Rating: 1100 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: implementation

[tmt514's solution](#)

450.

478A

[Initial Bet](#) · [Tutorial](#)

Quality: 27,188 global accepts · Rating: 1100 · first AC: 2015-03-13 · GNU C++0x (first AC) · Tags: implementation

[tmt514's solution](#)

451.

475A

[Bayan Bus](#) · [Tutorial](#)

Quality: 4,931 global accepts · Rating: 1100 · first AC: 2014-10-05 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

452.

427B

[Prison Transfer](#) · [Tutorial](#)

Quality: 15,511 global accepts · Rating: 1100 · first AC: 2014-07-24 · GNU C++ (first AC) · Tags: data structures, implementation

[tmt514's solution](#)

453.

402A

[Nuts](#) · [Tutorial](#)

Quality: 4,879 global accepts · Rating: 1100 · first AC: 2014-04-19 · GNU C++ (first AC) · Tags: greedy, math

[tmt514's solution](#)

454.

405B

[Domino Effect](#) · [Tutorial](#)

Quality: 6,107 global accepts · Rating: 1100 · first AC: 2014-04-19 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

455.

370A

[Rook, Bishop and King](#) · [Tutorial](#)

Quality: 12,029 global accepts · Rating: 1100 · first AC: 2014-03-08 · GNU C++ (first AC) · Tags: graphs, math, shortest paths

[tmt514's solution](#)

456.

363B

[Fence](#) · [Tutorial](#)

Quality: 67,075 global accepts · Rating: 1100 · first AC: 2014-03-08 · GNU C++ (first AC) · Tags: brute force, dp

[tmt514's solution](#)

457.

389B

[Fox and Cross](#) · [Tutorial](#)

Quality: 7,334 global accepts · Rating: 1100 · first AC: 2014-03-08 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

458.

381B

[Sereja and Stairs](#) · [Tutorial](#)

Quality: 7,355 global accepts · Rating: 1100 · first AC: 2014-02-06 · GNU C++ (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

459.

382A

[Ksenia and Pan Scales](#) · [Tutorial](#)

Quality: 13,668 global accepts · Rating: 1100 · first AC: 2014-02-06 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

460.

366A

[Dima and Guards](#) · [Tutorial](#)

Quality: 4,756 global accepts · Rating: 1100 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

461.

368B

[Sereja and Suffixes](#) · [Tutorial](#)

Quality: 49,900 global accepts · Rating: 1100 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: data structures, dp

[tmt514's solution](#)

462.

365B

[The Fibonacci Segment](#) · [Tutorial](#)

Quality: 15,370 global accepts · Rating: 1100 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

463.

362B

[Petya and Staircases](#) · [Tutorial](#)

Quality: 14,732 global accepts · Rating: 1100 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

464.

365A

[Good Number](#) · [Tutorial](#)

Quality: 22,976 global accepts · Rating: 1100 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

465.

355B

[Vasya and Public Transport](#) · [Tutorial](#)

Quality: 4,908 global accepts · Rating: 1100 · first AC: 2013-10-25 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

466.

355A

[Vasya and Digital Root](#) · [Tutorial](#)

Quality: 9,838 global accepts · Rating: 1100 · first AC: 2013-10-25 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

467.

347B

[Fixed Points](#) · [Tutorial](#)

Quality: 9,870 global accepts · Rating: 1100 · first AC: 2013-10-07 · GNU C++ (first AC) · Tags: brute force, implementation, math

[tmt514's solution](#)

468.

349A

[Cinema Line](#) · [Tutorial](#)

Quality: 33,728 global accepts · Rating: 1100 · first AC: 2013-10-07 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

469.

331C1

[The Great Julia Calendar](#) · [Tutorial](#)

Quality: 7,085 global accepts · Rating: 1100 · first AC: 2013-07-18 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

470.

316A1

[Special Task](#) · [Tutorial](#)

Quality: 2,888 global accepts · Rating: 1100 · first AC: 2013-06-15 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

471.

312A

[Whose sentence is it?](#) · [Tutorial](#)

Quality: 5,357 global accepts · Rating: 1100 · first AC: 2013-06-11 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

472.

313B

[Ilya and Queries](#) · [Tutorial](#)

Quality: 54,505 global accepts · Rating: 1100 · first AC: 2013-06-09 · GNU C++ (first AC) · Tags: dp, implementation

[tmt514's solution](#)

473.

100A

[Carpeting the Room](#) · [Tutorial](#)

Quality: 1,025 global accepts · Rating: 1100 · first AC: 2013-05-24 · Pike (first AC) · Tags: *special, implementation

[tmt514's solution](#)

474.

292A

[SMSC](#) · [Tutorial](#)

Quality: 2,864 global accepts · Rating: 1100 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

475.

289A

[Polo the Penguin and Segments](#) · [Tutorial](#)

Quality: 10,327 global accepts · Rating: 1100 · first AC: 2013-05-06 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

476.

296A

[Yaroslav and Permutations](#) · [Tutorial](#)

Quality: 26,039 global accepts · Rating: 1100 · first AC: 2013-05-06 · GNU C++ (first AC) · Tags: greedy, math

[tmt514's solution](#)

477.

300A

[Array](#) · [Tutorial](#)

Quality: 27,214 global accepts · Rating: 1100 · first AC: 2013-05-06 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, implementation

[tmt514's solution](#)

478.

287A

[IQ Test](#) · [Tutorial](#)

Quality: 21,984 global accepts · Rating: 1100 · first AC: 2013-05-06 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

479.

285A

[Slightly Decreasing Permutations](#) · [Tutorial](#)

Quality: 14,138 global accepts · Rating: 1100 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

480.

257A

[Sockets](#) · [Tutorial](#)

Quality: 6,914 global accepts · Rating: 1100 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

481.

270A

[Fancy Fence](#) · [Tutorial](#)

Quality: 50,826 global accepts · Rating: 1100 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: geometry, implementation, math

[tmt514's solution](#)

482.

258A

[Little Elephant and Bits](#) · [Tutorial](#)

Quality: 26,506 global accepts · Rating: 1100 · first AC: 2013-01-06 · GNU C++ (first AC) · Tags: greedy, math

[tmt514's solution](#)

483.

259B

[Little Elephant and Magic Square](#) · [Tutorial](#)

Quality: 14,697 global accepts · Rating: 1100 · first AC: 2013-01-06 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

484.

252A

[Little Xor](#) · [Tutorial](#)

Quality: 5,862 global accepts · Rating: 1100 · first AC: 2012-12-16 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

485.

253A

[Boys and Girls](#) · [Tutorial](#)

Quality: 12,150 global accepts · Rating: 1100 · first AC: 2012-12-08 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

486.

245B

[Internet Address](#) · [Tutorial](#)

Quality: 5,521 global accepts · Rating: 1100 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

487.

242B

[Big Segment](#) · [Tutorial](#)

Quality: 17,358 global accepts · Rating: 1100 · first AC: 2012-11-16 · GNU C++ (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

488.

242A

[Heads or Tails](#) · [Tutorial](#)

Quality: 6,794 global accepts · Rating: 1100 · first AC: 2012-11-16 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

489.

227B

[Effective Approach](#) · [Tutorial](#)

Quality: 32,440 global accepts · Rating: 1100 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

490.

225A

[Dice Tower](#) · [Tutorial](#)

Quality: 14,245 global accepts · Rating: 1100 · first AC: 2012-09-22 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[tmt514's solution](#)

491.

224A

[Parallelepiped](#) · [Tutorial](#)

Quality: 30,289 global accepts · Rating: 1100 · first AC: 2012-09-22 · GNU C++ (first AC) · Tags: brute force, geometry, math
[tmt514's solution](#)

492.

218A

[Mountain Scenery](#) · [Tutorial](#)

Quality: 10,532 global accepts · Rating: 1100 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, implementation
[tmt514's solution](#)

493.

218B

[Airport](#) · [Tutorial](#)

Quality: 18,375 global accepts · Rating: 1100 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

494.

196A

[Lexicographically Maximum Subsequence](#) · [Tutorial](#)

Quality: 5,844 global accepts · Rating: 1100 · first AC: 2012-07-19 · GNU C++ (first AC) · Tags: greedy, strings
[tmt514's solution](#)

495.

192B

[Walking in the Rain](#) · [Tutorial](#)

Quality: 6,799 global accepts · Rating: 1100 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

496.

188D

[Asterisks](#) · [Tutorial](#)

Quality: 750 global accepts · Rating: 1100 · first AC: 2012-05-25 · Roco (first AC) · Tags: *special, implementation
[tmt514's solution](#)

497.

188A

[Hexagonal Numbers](#) · [Tutorial](#)

Quality: 848 global accepts · Rating: 1100 · first AC: 2012-05-25 · Roco (first AC) · Tags: *special
[tmt514's solution](#)

498.

190A

[Vasya and the Bus](#) · [Tutorial](#)

Quality: 6,259 global accepts · Rating: 1100 · first AC: 2012-05-21 · GNU C++ (first AC) · Tags: greedy, math
[tmt514's solution](#)

499.

186A

[Comparing Strings](#) · [Tutorial](#)

Quality: 18,464 global accepts · Rating: 1100 · first AC: 2012-05-21 · GNU C++ (first AC) · Tags: implementation, strings
[tmt514's solution](#)

500.

178A3

[Educational Game](#) · [Tutorial](#)

Quality: 1,609 global accepts · Rating: 1100 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

501.

174A

[Problem About Equation](#) · [Tutorial](#)

Quality: 3,325 global accepts · Rating: 1100 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

502.

169B

[Replacing Digits](#) · [Tutorial](#)

Quality: 3,724 global accepts · Rating: 1100 · first AC: 2012-03-31 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

503.

162A

[Pentagonal numbers](#) · [Tutorial](#)

Quality: 842 global accepts · Rating: 1100 · first AC: 2012-03-18 · Factor (first AC) · Tags: *special, implementation

[tmt514's solution](#)

504.

159B

[Matchmaker](#) · [Tutorial](#)

Quality: 4,180 global accepts · Rating: 1100 · first AC: 2012-03-10 · GNU C++ (first AC) · Tags: *special, greedy, sortings

[tmt514's solution](#)

505.

160B

[Unlucky Ticket](#) · [Tutorial](#)

Quality: 15,557 global accepts · Rating: 1100 · first AC: 2012-03-09 · GNU C++ (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

506.

158B

[Taxi](#) · [Tutorial](#)

Quality: 103,831 global accepts · Rating: 1100 · first AC: 2012-03-04 · GNU C++ (first AC) · Tags: *special, greedy, implementation

[tmt514's solution](#)

507.

155B

[Combination](#) · [Tutorial](#)

Quality: 10,951 global accepts · Rating: 1100 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

508.

136B

[Ternary Logic](#) · [Tutorial](#)

Quality: 5,329 global accepts · Rating: 1100 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

509.

39D

[Cubical Planet](#) · [Tutorial](#)

Quality: 4,665 global accepts · Rating: 1100 · first AC: 2011-11-11 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

510.

121A

[Lucky Sum](#) · [Tutorial](#)

Quality: 10,550 global accepts · Rating: 1100 · first AC: 2011-11-07 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

511.

120C

[Winnie-the-Pooh and honey](#) · [Tutorial](#)

Quality: 3,947 global accepts · Rating: 1100 · first AC: 2011-10-18 · last AC: 2011-11-07 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

512.

120B

[Quiz League](#) · [Tutorial](#)

Quality: 3,668 global accepts · Rating: 1100 · first AC: 2011-10-18 · last AC: 2011-11-07 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

513.

53A

[Autocomplete](#) · [Tutorial](#)

Quality: 5,793 global accepts · Rating: 1100 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

514.

46B

[T-shirts from Sponsor](#) · [Tutorial](#)

Quality: 4,135 global accepts · Rating: 1100 · first AC: 2011-09-22 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

515.

116B

[Little Pigs and Wolves](#) · [Tutorial](#)

Quality: 14,615 global accepts · Rating: 1100 · first AC: 2011-09-22 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

516.

110B

[Lucky String](#) · [Tutorial](#)

Quality: 11,020 global accepts · Rating: 1100 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: constructive algorithms, strings

[tmt514's solution](#)

517.

25B

[Phone numbers](#) · [Tutorial](#)

Quality: 11,255 global accepts · Rating: 1100 · first AC: 2011-08-18 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

518.

43B

[Letter](#) · [Tutorial](#)

Quality: 20,492 global accepts · Rating: 1100 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

519.

90B

[African Crossword](#) · [Tutorial](#)

Quality: 5,717 global accepts · Rating: 1100 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

520.

103A

[Testing Pants for Sadness](#) · [Tutorial](#)

Quality: 6,573 global accepts · Rating: 1100 · first AC: 2011-08-07 · GNU C++ (first AC) · Tags: greedy, implementation, math

[tmt514's solution](#)

521.

12C

[Fruits](#) · [Tutorial](#)

Quality: 7,354 global accepts · Rating: 1100 · first AC: 2011-07-23 · GNU C++ (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

522.

12B

[Correct Solution?](#) · [Tutorial](#)

Quality: 9,671 global accepts · Rating: 1100 · first AC: 2011-07-23 · GNU C++ (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

523.

7A

[Kalevitch and Chess](#) · [Tutorial](#)

Quality: 8,023 global accepts · Rating: 1100 · first AC: 2011-05-12 · GNU C++ (first AC) · Tags: brute force, constructive algorithms

[tmt514's solution](#)

524.

6B

[President's Office](#) · [Tutorial](#)

Quality: 14,826 global accepts · Rating: 1100 · first AC: 2011-05-10 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

525.

68A

[Irrational problem](#) · [Tutorial](#)

Quality: 5,363 global accepts · Rating: 1100 · first AC: 2011-03-18 · GNU C++ (first AC) · Tags: implementation, number theory

[tmt514's solution](#)

526.

66B

[Petya and Countryside](#) · [Tutorial](#)

Quality: 23,109 global accepts · Rating: 1100 · first AC: 2011-03-07 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

527.

961B

[Lecture Sleep](#) · [Tutorial](#)

Quality: 26,345 global accepts · Rating: 1200 · first AC: 2021-11-21 · C++17 (GCC 7-32) (first AC) · Tags: data structures, dp, implementation, two pointers

[tmt514's solution](#)

528.

1043B

[Lost Array](#) · [Tutorial](#)

Quality: 6,551 global accepts · Rating: 1200 · first AC: 2018-10-28 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

529.

914B

[Conan and Agasa play a Card Game](#) · [Tutorial](#)

Quality: 9,064 global accepts · Rating: 1200 · first AC: 2018-01-20 · C++14 (GCC 6-32) (first AC) · Tags: games, greedy, implementation

[tmt514's solution](#)

530.

913B

[Christmas Spruce](#) · [Tutorial](#)

Quality: 19,464 global accepts · Rating: 1200 · first AC: 2018-01-08 · C++14 (GCC 6-32) (first AC) · Tags: implementation, trees

[tmt514's solution](#)

531.

682B

[Alyona and Mex](#) · [Tutorial](#)

Quality: 12,747 global accepts · Rating: 1200 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: sortings

[tmt514's solution](#)

532.

606A

[Magic Spheres](#) · [Tutorial](#)

Quality: 8,239 global accepts · Rating: 1200 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

533.

708A

[Letters Cyclic Shift](#) · [Tutorial](#)

Quality: 9,800 global accepts · Rating: 1200 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy,

implementation, strings

[tmt514's solution](#)

534.

732C

[Sanatorium](#) · [Tutorial](#)

Quality: 10,171 global accepts · Rating: 1200 · first AC: 2017-08-26 · C++14 (GCC 6-32) (first AC) · Tags: binary search, constructive algorithms, greedy, implementation, math

[tmt514's solution](#)

535.

743B

[Chloe and the sequence](#) · [Tutorial](#)

Quality: 16,049 global accepts · Rating: 1200 · first AC: 2017-08-26 · C++14 (GCC 6-32) (first AC) · Tags: binary search, bitmasks, constructive algorithms, implementation

[tmt514's solution](#)

536.

714B

[Filya and Homework](#) · [Tutorial](#)

Quality: 15,523 global accepts · Rating: 1200 · first AC: 2017-06-27 · C++14 (GCC 6-32) (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

537.

651B

[Beautiful Paintings](#) · [Tutorial](#)

Quality: 12,224 global accepts · Rating: 1200 · first AC: 2017-06-24 · C++14 (GCC 6-32) (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

538.

701B

[Cells Not Under Attack](#) · [Tutorial](#)

Quality: 12,541 global accepts · Rating: 1200 · first AC: 2017-06-21 · C++14 (GCC 6-32) (first AC) · Tags: data structures, math

[tmt514's solution](#)

539.

583B

[Robot's Task](#) · [Tutorial](#)

Quality: 8,989 global accepts · Rating: 1200 · first AC: 2017-06-21 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

540.

743A

[Vladik and flights](#) · [Tutorial](#)

Quality: 11,729 global accepts · Rating: 1200 · first AC: 2017-06-20 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy, implementation

[tmt514's solution](#)

541.

802M1

[April Fools' Problem \(easy\)](#) · [Tutorial](#)

Quality: 3,677 global accepts · Rating: 1200 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

542.

725B

[Food on the Plane](#) · [Tutorial](#)

Quality: 5,321 global accepts · Rating: 1200 · first AC: 2016-10-22 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math

[tmt514's solution](#)

543.

637B

[Chat Order](#) · [Tutorial](#)

Quality: 22,848 global accepts · Rating: 1200 · first AC: 2016-09-20 · GNU C++11 (first AC) · Tags: *special, binary search, constructive algorithms, data structures, sortings

[tmt514's solution](#)

544.

625B

[War of the Corporations](#) · [Tutorial](#)

Quality: 11,451 global accepts · Rating: 1200 · first AC: 2016-08-20 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, strings
[tmt514's solution](#)

545.

659C

[Tanya and Toys](#) · [Tutorial](#)

Quality: 11,960 global accepts · Rating: 1200 · first AC: 2016-06-02 · GNU C++11 (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

546.

593A

[2Char](#) · [Tutorial](#)

Quality: 6,156 global accepts · Rating: 1200 · first AC: 2016-06-01 · last AC: 2016-06-01 · GNU C++11 (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

547.

514A

[ChewbaD 6 æB çVÖ&W](#)[Tutorial](#)

Quality: 71,322 global accepts · Rating: 1200 · first AC: 2015-03-30 · last AC: 2016-06-01 · GNU C++11 (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

548.

432B

[Football Kit](#) · [Tutorial](#)

Quality: 12,260 global accepts · Rating: 1200 · first AC: 2015-11-29 · GNU C++11 (first AC) · Tags: brute force, greedy, implementation
[tmt514's solution](#)

549.

454B

[Little Pony and Sort by Shift](#) · [Tutorial](#)

Quality: 19,164 global accepts · Rating: 1200 · first AC: 2015-09-13 · GNU C++11 (first AC) · Tags: implementation
[tmt514's solution](#)

550.

574A

[Bear and Elections](#) · [Tutorial](#)

Quality: 9,524 global accepts · Rating: 1200 · first AC: 2015-09-12 · GNU C++11 (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

551.

554B

[Ohana Cleans Up](#) · [Tutorial](#)

Quality: 10,864 global accepts · Rating: 1200 · first AC: 2015-09-06 · last AC: 2015-09-06 · GNU C++11 (first AC) · Tags: brute force, greedy, strings

[tmt514's solution](#)

552.

560B

[Gerald is into Art](#) · [Tutorial](#)

Quality: 8,253 global accepts · Rating: 1200 · first AC: 2015-09-06 · GNU C++11 (first AC) · Tags: constructive algorithms, implementation
[tmt514's solution](#)

553.

445A

[DZY Loves Chessboard](#) · [Tutorial](#)

Quality: 33,667 global accepts · Rating: 1200 · first AC: 2015-09-04 · GNU C++11 (first AC) · Tags: dfs and similar, implementation
[tmt514's solution](#)

554.

489A

[SwapSort](#) · [Tutorial](#)

Quality: 10,587 global accepts · Rating: 1200 · first AC: 2015-09-01 · GNU C++11 (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

555.

482A

[Diverse Permutation](#) · [Tutorial](#)

Quality: 10,258 global accepts · Rating: 1200 · first AC: 2015-08-16 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[tmt514's solution](#)

556.

456B

[Fedya and Maths](#) · [Tutorial](#)

Quality: 18,573 global accepts · Rating: 1200 · first AC: 2015-08-12 · GNU C++ (first AC) · Tags: math, number theory
[tmt514's solution](#)

557.

439B

[Devu, the Dumb Guy](#) · [Tutorial](#)

Quality: 15,017 global accepts · Rating: 1200 · first AC: 2015-08-12 · GNU C++ (first AC) · Tags: implementation, sortings
[tmt514's solution](#)

558.

489B

[BerSU Ball](#) · [Tutorial](#)

Quality: 56,740 global accepts · Rating: 1200 · first AC: 2015-08-02 · GNU C++ (first AC) · Tags: dfs and similar, dp, graph matchings, greedy, sortings, two pointers
[tmt514's solution](#)

559.

552B

[Vanya and Books](#) · [Tutorial](#)

Quality: 16,072 global accepts · Rating: 1200 · first AC: 2015-08-02 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

560.

546B

[Soldier and Badges](#) · [Tutorial](#)

Quality: 18,609 global accepts · Rating: 1200 · first AC: 2015-08-02 · GNU C++ (first AC) · Tags: brute force, greedy, implementation, sortings
[tmt514's solution](#)

561.

463A

[Caisa and Sugar](#) · [Tutorial](#)

Quality: 9,561 global accepts · Rating: 1200 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

562.

474B

[Worms](#) · [Tutorial](#)

Quality: 62,549 global accepts · Rating: 1200 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: binary search, implementation
[tmt514's solution](#)

563.

492B

[Vanya and Lanterns](#) · [Tutorial](#)

Quality: 90,194 global accepts · Rating: 1200 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: binary search, implementation, math, sortings
[tmt514's solution](#)

564.

466A

[Cheap Travel](#) · [Tutorial](#)

Quality: 77,021 global accepts · Rating: 1200 · first AC: 2015-03-28 · GNU C++11 (first AC) · Tags: implementation
[tmt514's solution](#)

565.

459A

[Pashmak and Garden](#) · [Tutorial](#)

Quality: 36,405 global accepts · Rating: 1200 · first AC: 2014-08-30 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

566.

461A

[Appleman and Toastman](#) · [Tutorial](#)

Quality: 16,433 global accepts · Rating: 1200 · first AC: 2014-08-26 · GNU C++ (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

567.

424B

[Megacity](#) · [Tutorial](#)

Quality: 8,467 global accepts · Rating: 1200 · first AC: 2014-04-27 · GNU C++ (first AC) · Tags: binary search, greedy, implementation, sortings

[tmt514's solution](#)

568.

408B

[Garland](#) · [Tutorial](#)

Quality: 10,291 global accepts · Rating: 1200 · first AC: 2014-04-19 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

569.

401B

[Sereja and Contests](#) · [Tutorial](#)

Quality: 4,599 global accepts · Rating: 1200 · first AC: 2014-03-14 · GNU C++ (first AC) · Tags: greedy, implementation, math

[tmt514's solution](#)

570.

361B

[Levko and Permutation](#) · [Tutorial](#)

Quality: 8,797 global accepts · Rating: 1200 · first AC: 2014-03-09 · GNU C++ (first AC) · Tags: constructive algorithms, math, number theory

[tmt514's solution](#)

571.

400B

[Inna and New Matrix of Candies](#) · [Tutorial](#)

Quality: 8,603 global accepts · Rating: 1200 · first AC: 2014-03-09 · GNU C++ (first AC) · Tags: brute force, implementation, schedules

[tmt514's solution](#)

572.

366B

[Dima and To-do List](#) · [Tutorial](#)

Quality: 7,153 global accepts · Rating: 1200 · first AC: 2014-03-08 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

573.

387B

[George and Round](#) · [Tutorial](#)

Quality: 12,970 global accepts · Rating: 1200 · first AC: 2014-02-06 · GNU C++ (first AC) · Tags: brute force, greedy, two pointers

[tmt514's solution](#)

574.

385B

[Bear and Strings](#) · [Tutorial](#)

Quality: 10,834 global accepts · Rating: 1200 · first AC: 2014-02-06 · GNU C++ (first AC) · Tags: brute force, greedy, implementation, math, strings

[tmt514's solution](#)

575.

379B

[New Year Present](#) · [Tutorial](#)

Quality: 7,613 global accepts · Rating: 1200 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

576.

353A

[Domino](#) · [Tutorial](#)

Quality: 19,991 global accepts · Rating: 1200 · first AC: 2013-10-25 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

577.

350A

[TL](#) · [Tutorial](#)

Quality: 17,530 global accepts · Rating: 1200 · first AC: 2013-10-07 · GNU C++ (first AC) · Tags: brute force, greedy, implementation

[tmt514's solution](#)

578.

344B

[Simple Molecules](#) · [Tutorial](#)

Quality: 9,591 global accepts · Rating: 1200 · first AC: 2013-09-16 · GNU C++ (first AC) · Tags: brute force, graphs, math

[tmt514's solution](#)

579.

342A

[Xenia and Divisors](#) · [Tutorial](#)

Quality: 13,875 global accepts · Rating: 1200 · first AC: 2013-09-16 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

580.

340A

[The Wall](#) · [Tutorial](#)

Quality: 8,339 global accepts · Rating: 1200 · first AC: 2013-09-16 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

581.

327B

[Hungry Sequence](#) · [Tutorial](#)

Quality: 21,636 global accepts · Rating: 1200 · first AC: 2013-08-07 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

582.

327A

[Flipping Game](#) · [Tutorial](#)

Quality: 49,907 global accepts · Rating: 1200 · first AC: 2013-08-07 · GNU C++ (first AC) · Tags: brute force, dp, implementation

[tmt514's solution](#)

583.

315B

[Sereja and Array](#) · [Tutorial](#)

Quality: 7,721 global accepts · Rating: 1200 · first AC: 2013-06-09 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

584.

72C

[Extraordinarily Nice Numbers](#) · [Tutorial](#)

Quality: 1,052 global accepts · Rating: 1200 · first AC: 2013-06-01 · Io (first AC) · Tags: *special, math

[tmt514's solution](#)

585.

304A

[Pythagorean Theorem II](#) · [Tutorial](#)

Quality: 12,039 global accepts · Rating: 1200 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: brute force, math

[tmt514's solution](#)

586.

302B

[Eugeny and Play List](#) · [Tutorial](#)

Quality: 9,391 global accepts · Rating: 1200 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: binary search, implementation, two pointers

[tmt514's solution](#)

587.

292B

[Network Topology](#) · [Tutorial](#)

Quality: 10,513 global accepts · Rating: 1200 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: graphs, implementation

[tmt514's solution](#)

588.

298B

[Sail](#) · [Tutorial](#)

Quality: 15,801 global accepts · Rating: 1200 · first AC: 2013-05-06 · GNU C++ (first AC) · Tags: brute force, greedy, implementation

[tmt514's solution](#)

589.

285C

[Building Permutation](#) · [Tutorial](#)

Quality: 26,335 global accepts · Rating: 1200 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

590.

285B

[Find Marble](#) · [Tutorial](#)

Quality: 15,696 global accepts · Rating: 1200 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

591.

264A

[Escape from Stones](#) · [Tutorial](#)

Quality: 11,814 global accepts · Rating: 1200 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: constructive algorithms, data structures, implementation, two pointers

[tmt514's solution](#)

592.

262B

[Roma and Changing Signs](#) · [Tutorial](#)

Quality: 12,316 global accepts · Rating: 1200 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

593.

255B

[Code Parsing](#) · [Tutorial](#)

Quality: 5,459 global accepts · Rating: 1200 · first AC: 2013-01-06 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

594.

254A

[Cards with Numbers](#) · [Tutorial](#)

Quality: 7,737 global accepts · Rating: 1200 · first AC: 2012-12-16 · GNU C++ (first AC) · Tags: constructive algorithms, sortings

[tmt514's solution](#)

595.

239A

[Two Bags of Potatoes](#) · [Tutorial](#)

Quality: 20,610 global accepts · Rating: 1200 · first AC: 2012-11-10 · GNU C++ (first AC) · Tags: greedy, implementation, math

[tmt514's solution](#)

596.

177D1

[Encrypting Messages](#) · [Tutorial](#)

Quality: 2,731 global accepts · Rating: 1200 · first AC: 2012-11-02 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

597.

177B2

[Rectangular Game](#) · [Tutorial](#)

Quality: 3,362 global accepts · Rating: 1200 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: number theory

[tmt514's solution](#)

598.

234A

[Lefthanders and Righthanders](#) · [Tutorial](#)

Quality: 4,679 global accepts · Rating: 1200 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

599.

222A

[Shooshuns and Sequence](#) · [Tutorial](#)

Quality: 11,765 global accepts · Rating: 1200 · first AC: 2012-09-15 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

600.

217A

[Ice Skating](#) · [Tutorial](#)

Quality: 24,342 global accepts · Rating: 1200 · first AC: 2012-09-03 · GNU C++ (first AC) · Tags: brute force, dfs and similar, dsu, graphs

[tmt514's solution](#)

601.

216A

[Tiling with Hexagons](#) · [Tutorial](#)

Quality: 5,270 global accepts · Rating: 1200 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

602.

208D

[Prizes, Prizes, more Prizes](#) · [Tutorial](#)

Quality: 8,049 global accepts · Rating: 1200 · first AC: 2012-07-25 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

603.

194B

[Square](#) · [Tutorial](#)

Quality: 3,988 global accepts · Rating: 1200 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

604.

203A

[Two Problems](#) · [Tutorial](#)

Quality: 4,424 global accepts · Rating: 1200 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

605.

186B

[Growing Mushrooms](#) · [Tutorial](#)

Quality: 6,178 global accepts · Rating: 1200 · first AC: 2012-05-21 · GNU C++ (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

606.

180F

[Mathematical Analysis Rocks!](#) · [Tutorial](#)

Quality: 2,840 global accepts · Rating: 1200 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: constructive algorithms, implementation, math

[tmt514's solution](#)

607.

176A

[Trading Business](#) · [Tutorial](#)

Quality: 1,806 global accepts · Rating: 1200 · first AC: 2012-04-20 · GNU C++ (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

608.

172B

[Pseudorandom Sequence Period](#) · [Tutorial](#)

Quality: 3,155 global accepts · Rating: 1200 · first AC: 2012-04-03 · GNU C++ (first AC) · Tags: *special, implementation, number theory

[tmt514's solution](#)

609.

171A

[Mysterious numbers - 1](#) · [Tutorial](#)

Quality: 5,067 global accepts · Rating: 1200 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special, constructive algorithms

[tmt514's solution](#)

610.

145A

[Lucky Conversion](#) · [Tutorial](#)

Quality: 7,938 global accepts · Rating: 1200 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

611.

151B

[Phone Numbers](#) · [Tutorial](#)

Quality: 6,862 global accepts · Rating: 1200 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

612.

143B

[Help Kingdom of Far Far Away 2](#) · [Tutorial](#)

Quality: 5,333 global accepts · Rating: 1200 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

613.

134A

[Average Numbers](#) · [Tutorial](#)

Quality: 4,793 global accepts · Rating: 1200 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

614.

133B

[Unary](#) · [Tutorial](#)

Quality: 9,391 global accepts · Rating: 1200 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

615.

131B

[Opposites Attract](#) · [Tutorial](#)

Quality: 7,550 global accepts · Rating: 1200 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

616.

101A

[Homework](#) · [Tutorial](#)

Quality: 4,369 global accepts · Rating: 1200 · first AC: 2011-11-20 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

617.

129B

[Students and Shoelaces](#) · [Tutorial](#)

Quality: 13,865 global accepts · Rating: 1200 · first AC: 2011-11-19 · GNU C++ (first AC) · Tags: brute force, dfs and similar, graphs, implementation

[tmt514's solution](#)

618.

53C

[Little Frog](#) · [Tutorial](#)

Quality: 7,125 global accepts · Rating: 1200 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: constructive algorithms

[tmt514's solution](#)

619.

48B

[Land Lot](#) · [Tutorial](#)

Quality: 3,042 global accepts · Rating: 1200 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

620.

47B

[Coins](#) · [Tutorial](#)

Quality: 16,079 global accepts · Rating: 1200 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

621.

88A

[Chord](#) · [Tutorial](#)

Quality: 4,089 global accepts · Rating: 1200 · first AC: 2011-10-03 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

622.

102A

[Clothes](#) · [Tutorial](#)

Quality: 3,421 global accepts · Rating: 1200 · first AC: 2011-09-23 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

623.

55A

[Flea travel](#) · [Tutorial](#)

Quality: 3,886 global accepts · Rating: 1200 · first AC: 2011-09-23 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

624.

59B

[Fortune Telling](#) · [Tutorial](#)

Quality: 7,953 global accepts · Rating: 1200 · first AC: 2011-09-22 · GNU C++ (first AC) · Tags: implementation, number theory

[tmt514's solution](#)

625.

38B

[Chess](#) · [Tutorial](#)

Quality: 4,032 global accepts · Rating: 1200 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: brute force, implementation, math

[tmt514's solution](#)

626.

69B

[Bets](#) · [Tutorial](#)

Quality: 3,619 global accepts · Rating: 1200 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

627.

112B

[Petya and Square](#) · [Tutorial](#)

Quality: 4,543 global accepts · Rating: 1200 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

628.

31A

[Worms Evolution](#) · [Tutorial](#)

Quality: 12,652 global accepts · Rating: 1200 · first AC: 2011-08-30 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

629.

27A

[Next Test](#) · [Tutorial](#)

Quality: 23,006 global accepts · Rating: 1200 · first AC: 2011-08-21 · GNU C++ (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

630.

63B

[Settlers' Training](#) · [Tutorial](#)

Quality: 5,211 global accepts · Rating: 1200 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

631.

33A

[What is for dinner?](#) · [Tutorial](#)

Quality: 4,852 global accepts · Rating: 1200 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

632.

78B

[Easter Eggs](#) · [Tutorial](#)

Quality: 15,348 global accepts · Rating: 1200 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: constructive algorithms, implementation
[tmt514's solution](#)

633.

23A

[You're Given a String...](#) · [Tutorial](#)

Quality: 6,303 global accepts · Rating: 1200 · first AC: 2011-08-06 · GNU C++ (first AC) · Tags: brute force, greedy
[tmt514's solution](#)

634.

18C

[Stripe](#) · [Tutorial](#)

Quality: 15,419 global accepts · Rating: 1200 · first AC: 2011-08-04 · GNU C++ (first AC) · Tags: data structures, implementation
[tmt514's solution](#)

635.

15A

[Cottage Village](#) · [Tutorial](#)

Quality: 4,496 global accepts · Rating: 1200 · first AC: 2011-08-01 · GNU C++ (first AC) · Tags: implementation, sortings
[tmt514's solution](#)

636.

80B

[Depression](#) · [Tutorial](#)

Quality: 4,998 global accepts · Rating: 1200 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: geometry, math
[tmt514's solution](#)

637.

79A

[Bus Game](#) · [Tutorial](#)

Quality: 4,556 global accepts · Rating: 1200 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

638.

9C

[Hexadecimal's Numbers](#) · [Tutorial](#)

Quality: 14,347 global accepts · Rating: 1200 · first AC: 2011-06-11 · GNU C++ (first AC) · Tags: brute force, implementation, math
[tmt514's solution](#)

639.

9B

[Running Student](#) · [Tutorial](#)

Quality: 6,188 global accepts · Rating: 1200 · first AC: 2011-06-11 · GNU C++ (first AC) · Tags: brute force, geometry, implementation
[tmt514's solution](#)

640.

8A

[Train and Peter](#) · [Tutorial](#)

Quality: 6,727 global accepts · Rating: 1200 · first AC: 2011-05-19 · GNU C++ (first AC) · Tags: strings
[tmt514's solution](#)

641.

6C

[Alice, Bob and Chocolate](#) · [Tutorial](#)

Quality: 17,484 global accepts · Rating: 1200 · first AC: 2011-05-10 · GNU C++ (first AC) · Tags: greedy, two pointers
[tmt514's solution](#)

642.

5B

[Center Alignment](#) · [Tutorial](#)

Quality: 6,763 global accepts · Rating: 1200 · first AC: 2011-05-05 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

643.

4B

[Before an Exam](#) · [Tutorial](#)

Quality: 29,473 global accepts · Rating: 1200 · first AC: 2011-05-03 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[tmt514's solution](#)

644.

429A

[Xor-tree](#) · [Tutorial](#)

Quality: 12,266 global accepts · Rating: 1300 · first AC: 2021-11-13 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, trees
[tmt514's solution](#)

645.

862B

[Mahmoud and Ehab and the bipartiteness](#) · [Tutorial](#)

Quality: 25,651 global accepts · Rating: 1300 · first AC: 2021-11-13 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, graphs, trees
[tmt514's solution](#)

646.

870C

[Maximum splitting](#) · [Tutorial](#)

Quality: 9,767 global accepts · Rating: 1300 · first AC: 2021-11-06 · C++17 (GCC 7-32) (first AC) · Tags: dp, greedy, math, number theory
[tmt514's solution](#)

647.

1007A

[Reorder the Array](#) · [Tutorial](#)

Quality: 13,069 global accepts · Rating: 1300 · first AC: 2021-11-01 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, data structures, math, sortings, two pointers
[tmt514's solution](#)

648.

598B

[Queries on a String](#) · [Tutorial](#)

Quality: 12,201 global accepts · Rating: 1300 · first AC: 2021-01-29 · C++17 (GCC 7-32) (first AC) · Tags: implementation, strings
[tmt514's solution](#)

649.

798B

[Mike and strings](#) · [Tutorial](#)

Quality: 9,211 global accepts · Rating: 1300 · first AC: 2021-01-29 · C++17 (GCC 7-32) (first AC) · Tags: brute force, dp, strings
[tmt514's solution](#)

650.

1237B

[Balanced Tunnel](#) · [Tutorial](#)

Quality: 22,779 global accepts · Rating: 1300 · first AC: 2019-10-16 · C++14 (GCC 6-32) (first AC) · Tags: data structures, sortings, two pointers
[tmt514's solution](#)

651.

1209B

[Koala and Lights](#) · [Tutorial](#)

Quality: 8,515 global accepts · Rating: 1300 · first AC: 2019-09-14 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math, number theory
[tmt514's solution](#)

652.

716B

[Complete the Word](#) · [Tutorial](#)

Quality: 13,003 global accepts · Rating: 1300 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: greedy, two pointers
[tmt514's solution](#)

653.

740A

[Alyona and copybooks](#) · [Tutorial](#)

Quality: 9,168 global accepts · Rating: 1300 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

654.

189A

[Cut Ribbon](#) · [Tutorial](#)

Quality: 80,880 global accepts · Rating: 1300 · first AC: 2012-05-21 · last AC: 2017-07-01 · GNU C++ (first AC) · Tags: brute force, dp
[tmt514's solution](#)

655.

588B

[Duff in Love](#) · [Tutorial](#)

Quality: 14,993 global accepts · Rating: 1300 · first AC: 2017-06-27 · C++14 (GCC 6-32) (first AC) · Tags: math
[tmt514's solution](#)

656.

707B

[Bakery](#) · [Tutorial](#)

Quality: 13,603 global accepts · Rating: 1300 · first AC: 2017-06-24 · C++14 (GCC 6-32) (first AC) · Tags: graphs
[tmt514's solution](#)

657.

617B

[Chocolate](#) · [Tutorial](#)

Quality: 20,017 global accepts · Rating: 1300 · first AC: 2017-06-21 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics
[tmt514's solution](#)

658.

750B

[New Year and North Pole](#) · [Tutorial](#)

Quality: 9,721 global accepts · Rating: 1300 · first AC: 2017-05-25 · C++14 (GCC 6-32) (first AC) · Tags: geometry, implementation
[tmt514's solution](#)

659.

808B

[Average Sleep Time](#) · [Tutorial](#)

Quality: 14,876 global accepts · Rating: 1300 · first AC: 2017-05-15 · C++14 (GCC 6-32) (first AC) · Tags: data structures, implementation, math
[tmt514's solution](#)

660.

755C

[PolandBall and Forest](#) · [Tutorial](#)

Quality: 15,005 global accepts · Rating: 1300 · first AC: 2017-01-15 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, dsu, graphs, interactive, trees
[tmt514's solution](#)

661.

469B

[Chat Online](#) · [Tutorial](#)

Quality: 13,354 global accepts · Rating: 1300 · first AC: 2016-01-03 · GNU C++11 (first AC) · Tags: implementation
[tmt514's solution](#)

662.

526A

[King of Thieves](#) · [Tutorial](#)

Quality: 5,008 global accepts · Rating: 1300 · first AC: 2015-12-27 · GNU C++11 (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

663.

509B

[Painting Pebbles](#) · [Tutorial](#)

Quality: 9,991 global accepts · Rating: 1300 · first AC: 2015-11-29 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, implementation
[tmt514's solution](#)

664.

515B

[Drazil and His Happy Friends](#) · [Tutorial](#)

Quality: 7,763 global accepts · Rating: 1300 · first AC: 2015-11-29 · GNU C++11 (first AC) · Tags: brute force, dsu, meet-in-the-middle, number theory

[tmt514's solution](#)

665.

437A

[The Child and Homework](#) · [Tutorial](#)

Quality: 9,360 global accepts · Rating: 1300 · first AC: 2015-11-29 · GNU C++11 (first AC) · Tags: implementation

[tmt514's solution](#)

666.

486B

[OR in Matrix](#) · [Tutorial](#)

Quality: 19,169 global accepts · Rating: 1300 · first AC: 2015-11-27 · GNU C++11 (first AC) · Tags: greedy, hashing, implementation

[tmt514's solution](#)

667.

471B

[MUH and Important Things](#) · [Tutorial](#)

Quality: 6,205 global accepts · Rating: 1300 · first AC: 2015-10-28 · GNU C++11 (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

668.

485B

[Valuable Resources](#) · [Tutorial](#)

Quality: 6,791 global accepts · Rating: 1300 · first AC: 2015-10-11 · GNU C++11 (first AC) · Tags: brute force, greedy

[tmt514's solution](#)

669.

558B

[Amr and The Large Array](#) · [Tutorial](#)

Quality: 8,359 global accepts · Rating: 1300 · first AC: 2015-09-15 · GNU C++11 (first AC) · Tags: implementation

[tmt514's solution](#)

670.

450B

[Jzzhu and Sequences](#) · [Tutorial](#)

Quality: 28,827 global accepts · Rating: 1300 · first AC: 2015-09-15 · GNU C++11 (first AC) · Tags: implementation, math

[tmt514's solution](#)

671.

493A

[Vasya and Football](#) · [Tutorial](#)

Quality: 6,448 global accepts · Rating: 1300 · first AC: 2015-09-12 · GNU C++11 (first AC) · Tags: implementation

[tmt514's solution](#)

672.

462B

[Appleman and Card Game](#) · [Tutorial](#)

Quality: 15,566 global accepts · Rating: 1300 · first AC: 2015-09-05 · GNU C++11 (first AC) · Tags: greedy

[tmt514's solution](#)

673.

476B

[Dreamoon and WiFi](#) · [Tutorial](#)

Quality: 37,027 global accepts · Rating: 1300 · first AC: 2015-09-04 · GNU C++11 (first AC) · Tags: bitmasks, brute force, combinatorics, dp, math, probabilities

[tmt514's solution](#)

674.

545D

[Queue](#) · [Tutorial](#)

Quality: 29,519 global accepts · Rating: 1300 · first AC: 2015-09-01 · GNU C++11 (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

675.

573A

[Bear and Poker](#) · [Tutorial](#)

Quality: 18,202 global accepts · Rating: 1300 · first AC: 2015-08-29 · GNU C++11 (first AC) · Tags: implementation, math, number theory
[tmt514's solution](#)

676.

567B

[Berland National Library](#) · [Tutorial](#)

Quality: 8,699 global accepts · Rating: 1300 · first AC: 2015-08-29 · GNU C++11 (first AC) · Tags: implementation
[tmt514's solution](#)

677.

508B

[Anton and currency you all know](#) · [Tutorial](#)

Quality: 23,988 global accepts · Rating: 1300 · first AC: 2015-08-29 · GNU C++11 (first AC) · Tags: greedy, math, strings
[tmt514's solution](#)

678.

570B

[Simple Game](#) · [Tutorial](#)

Quality: 16,878 global accepts · Rating: 1300 · first AC: 2015-08-29 · GNU C++11 (first AC) · Tags: constructive algorithms, games, greedy, implementation, math
[tmt514's solution](#)

679.

451B

[Sort the Array](#) · [Tutorial](#)

Quality: 52,872 global accepts · Rating: 1300 · first AC: 2015-08-02 · GNU C++ (first AC) · Tags: implementation, sortings
[tmt514's solution](#)

680.

478B

[Random Teams](#) · [Tutorial](#)

Quality: 41,263 global accepts · Rating: 1300 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: combinatorics, constructive algorithms, greedy, math
[tmt514's solution](#)

681.

519C

[A and B and Team Training](#) · [Tutorial](#)

Quality: 20,710 global accepts · Rating: 1300 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: greedy, implementation, math, number theory
[tmt514's solution](#)

682.

472B

[Design Tutorial: Learn from Life](#) · [Tutorial](#)

Quality: 7,647 global accepts · Rating: 1300 · first AC: 2014-09-28 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

683.

459B

[Pashmak and Flowers](#) · [Tutorial](#)

Quality: 47,491 global accepts · Rating: 1300 · first AC: 2014-08-30 · GNU C++ (first AC) · Tags: combinatorics, implementation, sortings
[tmt514's solution](#)

684.

370B

[Berland Bingo](#) · [Tutorial](#)

Quality: 2,686 global accepts · Rating: 1300 · first AC: 2014-03-20 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

685.

376B

[I.O.U.](#) · [Tutorial](#)

Quality: 6,945 global accepts · Rating: 1300 · first AC: 2014-03-09 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

686.

378B

[Semifinals](#) · [Tutorial](#)

Quality: 6,193 global accepts · Rating: 1300 · first AC: 2014-03-09 · GNU C++ (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

687.

371B

[Fox Dividing Cheese](#) · [Tutorial](#)

Quality: 12,535 global accepts · Rating: 1300 · first AC: 2014-03-08 · GNU C++ (first AC) · Tags: math, number theory

[tmt514's solution](#)

688.

311A

[The Closest Pair](#) · [Tutorial](#)

Quality: 4,225 global accepts · Rating: 1300 · first AC: 2013-10-11 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

689.

352B

[Jeff and Periods](#) · [Tutorial](#)

Quality: 18,165 global accepts · Rating: 1300 · first AC: 2013-10-07 · GNU C++ (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

690.

347A

[Difference Row](#) · [Tutorial](#)

Quality: 9,798 global accepts · Rating: 1300 · first AC: 2013-10-07 · GNU C++ (first AC) · Tags: constructive algorithms, implementation, sortings

[tmt514's solution](#)

691.

330B

[Road Construction](#) · [Tutorial](#)

Quality: 19,387 global accepts · Rating: 1300 · first AC: 2013-08-07 · GNU C++ (first AC) · Tags: constructive algorithms, graphs

[tmt514's solution](#)

692.

332A

[Down the Hatch!](#) · [Tutorial](#)

Quality: 3,724 global accepts · Rating: 1300 · first AC: 2013-08-07 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

693.

318B

[Strings of Power](#) · [Tutorial](#)

Quality: 8,301 global accepts · Rating: 1300 · first AC: 2013-06-15 · GNU C++ (first AC) · Tags: implementation, strings, two pointers

[tmt514's solution](#)

694.

312B

[Archer](#) · [Tutorial](#)

Quality: 13,379 global accepts · Rating: 1300 · first AC: 2013-06-11 · GNU C++ (first AC) · Tags: math, probabilities

[tmt514's solution](#)

695.

304B

[Calendar](#) · [Tutorial](#)

Quality: 3,158 global accepts · Rating: 1300 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

696.

303A

[Lucky Permutation Triple](#) · [Tutorial](#)

Quality: 8,571 global accepts · Rating: 1300 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: constructive algorithms, implementation, math

[tmt514's solution](#)

697.

288A

[Polo the Penguin and Strings](#) · [Tutorial](#)

Quality: 6,754 global accepts · Rating: 1300 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

698.

298A

[Snow Footprints](#) · [Tutorial](#)

Quality: 11,660 global accepts · Rating: 1300 · first AC: 2013-05-06 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

699.

291B

[Command Line Arguments](#) · [Tutorial](#)

Quality: 3,087 global accepts · Rating: 1300 · first AC: 2013-05-06 · GNU C++ (first AC) · Tags: *special, implementation, strings

[tmt514's solution](#)

700.

276B

[Little Girl and Game](#) · [Tutorial](#)

Quality: 32,109 global accepts · Rating: 1300 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: games, greedy

[tmt514's solution](#)

701.

251A

[Points on Line](#) · [Tutorial](#)

Quality: 21,344 global accepts · Rating: 1300 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: binary search, combinatorics, two pointers

[tmt514's solution](#)

702.

271B

[Prime Matrix](#) · [Tutorial](#)

Quality: 15,460 global accepts · Rating: 1300 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: binary search, brute force, math, number theory

[tmt514's solution](#)

703.

257B

[Playing Cubes](#) · [Tutorial](#)

Quality: 7,776 global accepts · Rating: 1300 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: games, greedy, implementation

[tmt514's solution](#)

704.

246B

[Increase and Decrease](#) · [Tutorial](#)

Quality: 12,273 global accepts · Rating: 1300 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: greedy, math

[tmt514's solution](#)

705.

238A

[Not Wool Sequences](#) · [Tutorial](#)

Quality: 2,184 global accepts · Rating: 1300 · first AC: 2012-11-10 · GNU C++ (first AC) · Tags: constructive algorithms, math

[tmt514's solution](#)

706.

234C

[Weather](#) · [Tutorial](#)

Quality: 5,948 global accepts · Rating: 1300 · first AC: 2012-11-02 · GNU C++ (first AC) · Tags: dp, implementation

[tmt514's solution](#)

707.

241A

[Old Peykan](#) · [Tutorial](#)

Quality: 2,410 global accepts · Rating: 1300 · first AC: 2012-11-02 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

708.

236B

[Easy Number Challenge](#) · [Tutorial](#)

Quality: 16,946 global accepts · Rating: 1300 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: implementation, number theory

[tmt514's solution](#)

709.

227A

[Where do I Turn?](#) · [Tutorial](#)

Quality: 4,585 global accepts · Rating: 1300 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: geometry

[tmt514's solution](#)

710.

230B

[T-primes](#) · [Tutorial](#)

Quality: 95,828 global accepts · Rating: 1300 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: binary search, implementation, math, number theory

[tmt514's solution](#)

711.

222B

[Cosmic Tables](#) · [Tutorial](#)

Quality: 6,567 global accepts · Rating: 1300 · first AC: 2012-09-15 · GNU C++ (first AC) · Tags: data structures, implementation

[tmt514's solution](#)

712.

220A

[Little Elephant and Problem](#) · [Tutorial](#)

Quality: 13,119 global accepts · Rating: 1300 · first AC: 2012-09-03 · GNU C++ (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

713.

221B

[Little Elephant and Numbers](#) · [Tutorial](#)

Quality: 4,909 global accepts · Rating: 1300 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

714.

215B

[Olympic Medal](#) · [Tutorial](#)

Quality: 5,977 global accepts · Rating: 1300 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: greedy, math

[tmt514's solution](#)

715.

203B

[Game on Paper](#) · [Tutorial](#)

Quality: 2,787 global accepts · Rating: 1300 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

716.

195B

[After Training](#) · [Tutorial](#)

Quality: 5,512 global accepts · Rating: 1300 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: data structures, implementation, math

[tmt514's solution](#)

717.

192A

[Funky Numbers](#) · [Tutorial](#)

Quality: 11,565 global accepts · Rating: 1300 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: binary search, brute force, implementation

[tmt514's solution](#)

718.

188B

[A + Reverse B](#) · [Tutorial](#)

Quality: 788 global accepts · Rating: 1300 · first AC: 2012-05-25 · Roco (first AC) · Tags: *special, implementation

[tmt514's solution](#)

719.

64A

[Factorial](#) · [Tutorial](#)

Quality: 4,247 global accepts · Rating: 1300 · first AC: 2012-05-21 · Tcl (first AC) · Tags: *special, implementation

[tmt514's solution](#)

720.

189B

[Counting Rhombi](#) · [Tutorial](#)

Quality: 4,219 global accepts · Rating: 1300 · first AC: 2012-05-21 · GNU C++ (first AC) · Tags: brute force, math

[tmt514's solution](#)

721.

185A

[Plant](#) · [Tutorial](#)

Quality: 6,521 global accepts · Rating: 1300 · first AC: 2012-05-04 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

722.

181B

[Number of Triplets](#) · [Tutorial](#)

Quality: 3,518 global accepts · Rating: 1300 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: binary search, brute force

[tmt514's solution](#)

723.

173A

[Rock-Paper-Scissors](#) · [Tutorial](#)

Quality: 2,516 global accepts · Rating: 1300 · first AC: 2012-04-06 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

724.

171D

[Broken checker](#) · [Tutorial](#)

Quality: 2,815 global accepts · Rating: 1300 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special, brute force

[tmt514's solution](#)

725.

171B

[Star](#) · [Tutorial](#)

Quality: 4,758 global accepts · Rating: 1300 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special, combinatorics

[tmt514's solution](#)

726.

161A

[Dress'em in Vests!](#) · [Tutorial](#)

Quality: 5,475 global accepts · Rating: 1300 · first AC: 2012-03-11 · GNU C++ (first AC) · Tags: binary search, brute force, greedy, two pointers

[tmt514's solution](#)

727.

158D

[Ice Sculptures](#) · [Tutorial](#)

Quality: 6,492 global accepts · Rating: 1300 · first AC: 2012-03-04 · GNU C++ (first AC) · Tags: *special, brute force, number theory

[tmt514's solution](#)

728.

147A

[Punctuation](#) · [Tutorial](#)

Quality: 4,235 global accepts · Rating: 1300 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

729.

146B

[Lucky Mask](#) · [Tutorial](#)

Quality: 4,974 global accepts · Rating: 1300 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

730.

152B

[Steps](#) · [Tutorial](#)

Quality: 7,388 global accepts · Rating: 1300 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: binary search, implementation

[tmt514's solution](#)

731.

144B

[Meeting](#) · [Tutorial](#)

Quality: 5,685 global accepts · Rating: 1300 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

732.

132A

[Turing Tape](#) · [Tutorial](#)

Quality: 2,975 global accepts · Rating: 1300 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

733.

135A

[Replacement](#) · [Tutorial](#)

Quality: 8,257 global accepts · Rating: 1300 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: greedy, implementation, sortings

[tmt514's solution](#)

734.

44C

[Holidays](#) · [Tutorial](#)

Quality: 4,054 global accepts · Rating: 1300 · first AC: 2011-11-28 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

735.

123A

[Prime Permutation](#) · [Tutorial](#)

Quality: 3,988 global accepts · Rating: 1300 · first AC: 2011-11-20 · GNU C++ (first AC) · Tags: implementation, number theory, strings

[tmt514's solution](#)

736.

39H

[Multiplication Table](#) · [Tutorial](#)

Quality: 3,126 global accepts · Rating: 1300 · first AC: 2011-11-11 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

737.

39F

[Pacifist frogs](#) · [Tutorial](#)

Quality: 1,962 global accepts · Rating: 1300 · first AC: 2011-11-11 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

738.

39B

[Company Income Growth](#) · [Tutorial](#)

Quality: 3,097 global accepts · Rating: 1300 · first AC: 2011-11-11 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

739.

36A

[Extra-terrestrial Intelligence](#) · [Tutorial](#)

Quality: 3,548 global accepts · Rating: 1300 · first AC: 2011-10-12 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

740.

56B

[Spoilt Permutation](#) · [Tutorial](#)

Quality: 4,024 global accepts · Rating: 1300 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

741.

41C

[Email address](#) · [Tutorial](#)

Quality: 4,195 global accepts · Rating: 1300 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: expression parsing, implementation

[tmt514's solution](#)

742.

34C

[Page Numbers](#) · [Tutorial](#)

Quality: 4,765 global accepts · Rating: 1300 · first AC: 2011-10-04 · GNU C++ (first AC) · Tags: expression parsing, implementation, sortings, strings

[tmt514's solution](#)

743.

99B

[Help Chef Gerasim](#) · [Tutorial](#)

Quality: 3,212 global accepts · Rating: 1300 · first AC: 2011-10-03 · GNU C++ (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

744.

51A

[Cheaterius's Problem](#) · [Tutorial](#)

Quality: 2,086 global accepts · Rating: 1300 · first AC: 2011-10-03 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

745.

61B

[Hard Work](#) · [Tutorial](#)

Quality: 4,243 global accepts · Rating: 1300 · first AC: 2011-10-03 · GNU C++ (first AC) · Tags: strings

[tmt514's solution](#)

746.

117A

[Elevator](#) · [Tutorial](#)

Quality: 2,226 global accepts · Rating: 1300 · first AC: 2011-09-23 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

747.

43C

[Lucky Tickets](#) · [Tutorial](#)

Quality: 4,762 global accepts · Rating: 1300 · first AC: 2011-09-23 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

748.

40A

[Find Color](#) · [Tutorial](#)

Quality: 4,435 global accepts · Rating: 1300 · first AC: 2011-09-23 · GNU C++ (first AC) · Tags: constructive algorithms, geometry, implementation, math

[tmt514's solution](#)

749.

57A

[Square Earth?](#) · [Tutorial](#)

Quality: 3,255 global accepts · Rating: 1300 · first AC: 2011-09-23 · GNU C++ (first AC) · Tags: dfs and similar, greedy, implementation

[tmt514's solution](#)

750.

96B

[Lucky Numbers \(easy\)](#) · [Tutorial](#)

Quality: 19,107 global accepts · Rating: 1300 · first AC: 2011-09-22 · GNU C++ (first AC) · Tags: binary search, bitmasks, brute force

[tmt514's solution](#)

751.

94B

[Friends](#) · [Tutorial](#)

Quality: 5,380 global accepts · Rating: 1300 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: graphs, implementation, math
[tmt514's solution](#)

752.

92B

[Binary Number](#) · [Tutorial](#)

Quality: 5,362 global accepts · Rating: 1300 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

753.

27B

[Tournament](#) · [Tutorial](#)

Quality: 5,888 global accepts · Rating: 1300 · first AC: 2011-08-21 · GNU C++ (first AC) · Tags: bitmasks, brute force, dfs and similar, greedy
[tmt514's solution](#)

754.

58B

[Coins](#) · [Tutorial](#)

Quality: 13,230 global accepts · Rating: 1300 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

755.

25A

[IQ test](#) · [Tutorial](#)

Quality: 103,877 global accepts · Rating: 1300 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: brute force
[tmt514's solution](#)

756.

71B

[Progress Bar](#) · [Tutorial](#)

Quality: 5,274 global accepts · Rating: 1300 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

757.

62A

[A Student's Dream](#) · [Tutorial](#)

Quality: 3,773 global accepts · Rating: 1300 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: greedy, math
[tmt514's solution](#)

758.

60A

[Where Are My Flakes?](#) · [Tutorial](#)

Quality: 4,283 global accepts · Rating: 1300 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: implementation, two pointers
[tmt514's solution](#)

759.

70A

[Cookies](#) · [Tutorial](#)

Quality: 3,560 global accepts · Rating: 1300 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: math
[tmt514's solution](#)

760.

54A

[Presents](#) · [Tutorial](#)

Quality: 2,546 global accepts · Rating: 1300 · first AC: 2011-05-27 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

761.

85A

[Domino](#) · [Tutorial](#)

Quality: 2,024 global accepts · Rating: 1300 · first AC: 2011-05-20 · GNU C++ (first AC) · Tags: constructive algorithms, implementation
[tmt514's solution](#)

762.

83A

[Magical Array](#) · [Tutorial](#)

Quality: 6,858 global accepts · Rating: 1300 · first AC: 2011-05-13 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

763.

4C

[Registration System](#) · [Tutorial](#)

Quality: 108,152 global accepts · Rating: 1300 · first AC: 2011-05-04 · GNU C++ (first AC) · Tags: data structures, hashing, implementation

[tmt514's solution](#)

764.

66A

[Petya and Java](#) · [Tutorial](#)

Quality: 7,080 global accepts · Rating: 1300 · first AC: 2011-03-07 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

765.

816B

[Karen and Coffee](#) · [Tutorial](#)

Quality: 27,380 global accepts · Rating: 1400 · first AC: 2021-11-21 · C++17 (GCC 7-32) (first AC) · Tags: binary search, data structures, implementation

[tmt514's solution](#)

766.

1365C

[Rotation Matching](#) · [Tutorial](#)

Quality: 24,983 global accepts · Rating: 1400 · first AC: 2021-11-06 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, data structures, greedy, implementation

[tmt514's solution](#)

767.

505B

[Mr. Kitayuta's Colorful Graph](#) · [Tutorial](#)

Quality: 14,981 global accepts · Rating: 1400 · first AC: 2021-01-29 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, dp, dsu, graphs

[tmt514's solution](#)

768.

650A

[Watchmen](#) · [Tutorial](#)

Quality: 16,640 global accepts · Rating: 1400 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: data structures, geometry, math

[tmt514's solution](#)

769.

711B

[Chris and Magic Square](#) · [Tutorial](#)

Quality: 8,639 global accepts · Rating: 1400 · first AC: 2017-06-27 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

770.

698A

[Vacations](#) · [Tutorial](#)

Quality: 37,948 global accepts · Rating: 1400 · first AC: 2017-06-21 · C++14 (GCC 6-32) (first AC) · Tags: dp

[tmt514's solution](#)

771.

802J1

[Send the Fool Further! \(easy\)](#) · [Tutorial](#)

Quality: 6,534 global accepts · Rating: 1400 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, graphs, trees

[tmt514's solution](#)

772.

808C

[Tea Party](#) · [Tutorial](#)

Quality: 6,980 global accepts · Rating: 1400 · first AC: 2017-05-15 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy, sortings

[tmt514's solution](#)

773.

799B

[T-shirt buying](#) · [Tutorial](#)

Quality: 10,175 global accepts · Rating: 1400 · first AC: 2017-05-11 · C++14 (GCC 6-32) (first AC) · Tags: data structures, implementation
[tmt514's solution](#)

774.

757B

[Bash's Big Day](#) · [Tutorial](#)

Quality: 11,426 global accepts · Rating: 1400 · first AC: 2017-01-12 · C++14 (GCC 6-32) (first AC) · Tags: greedy, math, number theory
[tmt514's solution](#)

775.

703B

[Mishka and trip](#) · [Tutorial](#)

Quality: 6,057 global accepts · Rating: 1400 · first AC: 2016-11-26 · C++14 (GCC 6-32) (first AC) · Tags: implementation, math
[tmt514's solution](#)

776.

679A

[Bear and Prime 100](#) · [Tutorial](#)

Quality: 15,449 global accepts · Rating: 1400 · first AC: 2016-09-17 · GNU C++11 (first AC) · Tags: constructive algorithms, interactive, math
[tmt514's solution](#)

777.

414B

[Mashmikh and ACM](#) · [Tutorial](#)

Quality: 29,185 global accepts · Rating: 1400 · first AC: 2016-01-24 · GNU C++11 (first AC) · Tags: combinatorics, dp, number theory
[tmt514's solution](#)

778.

548B

[Mike and Fun](#) · [Tutorial](#)

Quality: 8,990 global accepts · Rating: 1400 · first AC: 2015-11-30 · GNU C++11 (first AC) · Tags: brute force, dp, greedy, implementation
[tmt514's solution](#)

779.

485A

[Factory](#) · [Tutorial](#)

Quality: 8,769 global accepts · Rating: 1400 · first AC: 2015-11-29 · GNU C++11 (first AC) · Tags: implementation, math, matrices
[tmt514's solution](#)

780.

493B

[Vasya and Wrestling](#) · [Tutorial](#)

Quality: 14,068 global accepts · Rating: 1400 · first AC: 2015-11-29 · GNU C++11 (first AC) · Tags: implementation
[tmt514's solution](#)

781.

518B

[Tanya and Postcard](#) · [Tutorial](#)

Quality: 8,387 global accepts · Rating: 1400 · first AC: 2015-11-29 · GNU C++11 (first AC) · Tags: greedy, implementation, strings
[tmt514's solution](#)

782.

492C

[Vanya and Exams](#) · [Tutorial](#)

Quality: 15,466 global accepts · Rating: 1400 · first AC: 2015-11-29 · GNU C++11 (first AC) · Tags: greedy, sortings
[tmt514's solution](#)

783.

448B

[Suffix Structures](#) · [Tutorial](#)

Quality: 17,314 global accepts · Rating: 1400 · first AC: 2015-11-27 · GNU C++11 (first AC) · Tags: implementation, strings
[tmt514's solution](#)

784.

525B

[Pasha and String](#) · [Tutorial](#)

Quality: 10,224 global accepts · Rating: 1400 · first AC: 2015-10-24 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, math, strings

[tmt514's solution](#)

785.

546C

[Soldier and Cards](#) · [Tutorial](#)

Quality: 19,432 global accepts · Rating: 1400 · first AC: 2015-09-12 · GNU C++11 (first AC) · Tags: brute force, dfs and similar, games

[tmt514's solution](#)

786.

514B

[Han Solo and Lazer Gun](#) · [Tutorial](#)

Quality: 22,635 global accepts · Rating: 1400 · first AC: 2015-09-06 · GNU C++11 (first AC) · Tags: brute force, data structures, geometry, implementation, math

[tmt514's solution](#)

787.

538A

[Cutting Banner](#) · [Tutorial](#)

Quality: 7,381 global accepts · Rating: 1400 · first AC: 2015-09-06 · GNU C++11 (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

788.

520B

[Two Buttons](#) · [Tutorial](#)

Quality: 62,185 global accepts · Rating: 1400 · first AC: 2015-09-01 · GNU C++11 (first AC) · Tags: dfs and similar, graphs, greedy, implementation, math, shortest paths

[tmt514's solution](#)

789.

507B

[Amr and Pins](#) · [Tutorial](#)

Quality: 26,686 global accepts · Rating: 1400 · first AC: 2015-09-01 · GNU C++11 (first AC) · Tags: geometry, math

[tmt514's solution](#)

790.

479C

[Exams](#) · [Tutorial](#)

Quality: 33,073 global accepts · Rating: 1400 · first AC: 2015-08-11 · GNU C++ (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

791.

489C

[Given Length and Sum of Digits...](#) · [Tutorial](#)

Quality: 51,682 global accepts · Rating: 1400 · first AC: 2015-08-09 · GNU C++ (first AC) · Tags: dp, greedy, implementation

[tmt514's solution](#)

792.

515C

[Drazil and Factorial](#) · [Tutorial](#)

Quality: 28,710 global accepts · Rating: 1400 · first AC: 2015-07-26 · GNU C++ (first AC) · Tags: greedy, math, sortings

[tmt514's solution](#)

793.

538B

[Quasi Binary](#) · [Tutorial](#)

Quality: 19,334 global accepts · Rating: 1400 · first AC: 2015-04-26 · GNU C++11 (first AC) · Tags: constructive algorithms, dp, greedy, implementation

[tmt514's solution](#)

794.

513B1

[Permutations](#) · [Tutorial](#)

Quality: 3,833 global accepts · Rating: 1400 · first AC: 2015-02-07 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

795.

475B

[Strongly Connected City](#) · [Tutorial](#)

Quality: 9,248 global accepts · Rating: 1400 · first AC: 2014-10-05 · GNU C++ (first AC) · Tags: brute force, dfs and similar, graphs, implementation

[tmt514's solution](#)

796.

472C

[Design Tutorial: Make It Nondeterministic](#) · [Tutorial](#)

Quality: 6,517 global accepts · Rating: 1400 · first AC: 2014-09-28 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

797.

470A

[Crystal Ball Sequence](#) · [Tutorial](#)

Quality: 695 global accepts · Rating: 1400 · first AC: 2014-09-13 · FALSE (first AC) · Tags: *special, implementation

[tmt514's solution](#)

798.

436B

[Om Nom and Spiders](#) · [Tutorial](#)

Quality: 3,147 global accepts · Rating: 1400 · first AC: 2014-06-13 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

799.

402B

[Trees in a Row](#) · [Tutorial](#)

Quality: 3,993 global accepts · Rating: 1400 · first AC: 2014-04-19 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

800.

418A

[Football](#) · [Tutorial](#)

Rating: 1400 · first AC: 2014-04-17 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, implementation

[tmt514's solution](#)

801.

388A

[Fox and Box Accumulation](#) · [Tutorial](#)

Quality: 11,939 global accepts · Rating: 1400 · first AC: 2014-03-20 · GNU C++ (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

802.

363C

[Fixing Typos](#) · [Tutorial](#)

Quality: 14,103 global accepts · Rating: 1400 · first AC: 2014-03-15 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

803.

359B

[Permutation](#) · [Tutorial](#)

Quality: 8,707 global accepts · Rating: 1400 · first AC: 2014-03-15 · GNU C++ (first AC) · Tags: constructive algorithms, dp, math

[tmt514's solution](#)

804.

401C

[Team](#) · [Tutorial](#)

Quality: 21,701 global accepts · Rating: 1400 · first AC: 2014-03-14 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, implementation

[tmt514's solution](#)

805.

369B

[Valera and Contest](#) · [Tutorial](#)

Quality: 6,857 global accepts · Rating: 1400 · first AC: 2014-03-08 · GNU C++ (first AC) · Tags: constructive algorithms, implementation, math
[tmt514's solution](#)

806.

379C

[New Year Ratings Change](#) · [Tutorial](#)

Quality: 7,047 global accepts · Rating: 1400 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: greedy, sortings
[tmt514's solution](#)

807.

358A

[Dima and Continuous Line](#) · [Tutorial](#)

Quality: 8,141 global accepts · Rating: 1400 · first AC: 2014-01-05 · GNU C++ (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

808.

357B

[Flag Day](#) · [Tutorial](#)

Quality: 8,551 global accepts · Rating: 1400 · first AC: 2013-10-25 · GNU C++ (first AC) · Tags: constructive algorithms, implementation
[tmt514's solution](#)

809.

331A1

[Oh Sweet Beaverette](#) · [Tutorial](#)

Quality: 1,528 global accepts · Rating: 1400 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

810.

335A

[Banana](#) · [Tutorial](#)

Quality: 2,846 global accepts · Rating: 1400 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: binary search, constructive algorithms, greedy
[tmt514's solution](#)

811.

337B

[Routine Problem](#) · [Tutorial](#)

Quality: 10,064 global accepts · Rating: 1400 · first AC: 2013-09-16 · GNU C++ (first AC) · Tags: greedy, math, number theory
[tmt514's solution](#)

812.

334B

[Eight Point Sets](#) · [Tutorial](#)

Quality: 3,872 global accepts · Rating: 1400 · first AC: 2013-08-08 · GNU C++ (first AC) · Tags: sortings
[tmt514's solution](#)

813.

100C

[A+B](#) · [Tutorial](#)

Quality: 626 global accepts · Rating: 1400 · first AC: 2013-06-21 · Pike (first AC) · Tags: *special, implementation
[tmt514's solution](#)

814.

316A2

[Special Task](#) · [Tutorial](#)

Quality: 2,295 global accepts · Rating: 1400 · first AC: 2013-06-15 · GNU C++ (first AC) · Tags: math
[tmt514's solution](#)

815.

313C

[Ilya and Matrix](#) · [Tutorial](#)

Quality: 5,942 global accepts · Rating: 1400 · first AC: 2013-06-09 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, implementation, sortings

[tmt514's solution](#)

816.

315A

[Sereja and Bottles](#) · [Tutorial](#)

Quality: 12,296 global accepts · Rating: 1400 · first AC: 2013-06-09 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

817.

295A

[Greg and Array](#) · [Tutorial](#)

Quality: 26,009 global accepts · Rating: 1400 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: data structures, implementation

[tmt514's solution](#)

818.

290D

[Orange](#) · [Tutorial](#)

Quality: 1,904 global accepts · Rating: 1400 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: *special, implementation

[tmt514's solution](#)

819.

289B

[Polo the Penguin and Matrix](#) · [Tutorial](#)

Quality: 18,963 global accepts · Rating: 1400 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: brute force, dp, implementation, sortings, ternary search

[tmt514's solution](#)

820.

290A

[Mysterious strings](#) · [Tutorial](#)

Quality: 3,236 global accepts · Rating: 1400 · first AC: 2013-05-06 · GNU C++ (first AC) · Tags: *special, implementation

[tmt514's solution](#)

821.

286A

[Lucky Permutation](#) · [Tutorial](#)

Quality: 3,450 global accepts · Rating: 1400 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: constructive algorithms, math

[tmt514's solution](#)

822.

277A

[Learning Languages](#) · [Tutorial](#)

Quality: 21,579 global accepts · Rating: 1400 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: dfs and similar, dsu

[tmt514's solution](#)

823.

284A

[Cows and Primitive Roots](#) · [Tutorial](#)

Quality: 7,346 global accepts · Rating: 1400 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: implementation, math, number theory

[tmt514's solution](#)

824.

279A

[Point on Spiral](#) · [Tutorial](#)

Quality: 5,917 global accepts · Rating: 1400 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: brute force, geometry, implementation

[tmt514's solution](#)

825.

279B

[Books](#) · [Tutorial](#)

Quality: 72,433 global accepts · Rating: 1400 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: binary search, brute force, implementation, two pointers

[tmt514's solution](#)

826.

272B

[Dima and Sequence](#) · [Tutorial](#)

Quality: 4,289 global accepts · Rating: 1400 · first AC: 2013-02-14 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

827.

261A

[Maxim and Discounts](#) · [Tutorial](#)

Quality: 5,609 global accepts · Rating: 1400 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: greedy, sortings
[tmt514's solution](#)

828.

270B

[Multithreading](#) · [Tutorial](#)

Quality: 4,446 global accepts · Rating: 1400 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: data structures, greedy, implementation
[tmt514's solution](#)

829.

260A

[Adding Digits](#) · [Tutorial](#)

Quality: 16,587 global accepts · Rating: 1400 · first AC: 2013-01-06 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

830.

248B

[Chilly Willy](#) · [Tutorial](#)

Quality: 5,804 global accepts · Rating: 1400 · first AC: 2012-12-16 · GNU C++ (first AC) · Tags: math, number theory
[tmt514's solution](#)

831.

253B

[Physics Practical](#) · [Tutorial](#)

Quality: 12,373 global accepts · Rating: 1400 · first AC: 2012-12-08 · GNU C++ (first AC) · Tags: binary search, dp, sortings, two pointers
[tmt514's solution](#)

832.

245E

[Mishap in Club](#) · [Tutorial](#)

Quality: 3,530 global accepts · Rating: 1400 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

833.

226A

[Flying Saucer Segments](#) · [Tutorial](#)

Quality: 4,352 global accepts · Rating: 1400 · first AC: 2012-11-02 · GNU C++ (first AC) · Tags: math
[tmt514's solution](#)

834.

233B

[Non-square Equation](#) · [Tutorial](#)

Quality: 8,284 global accepts · Rating: 1400 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: binary search, brute force, math
[tmt514's solution](#)

835.

228B

[Two Tables](#) · [Tutorial](#)

Quality: 3,636 global accepts · Rating: 1400 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

836.

198B

[Jumping on Walls](#) · [Tutorial](#)

Quality: 5,172 global accepts · Rating: 1400 · first AC: 2012-09-16 · GNU C++ (first AC) · Tags: shortest paths
[tmt514's solution](#)

837.

219B

[Special Offer! Super Price 999 Bourles!](#) · [Tutorial](#)

Quality: 6,150 global accepts · Rating: 1400 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

838.

205B

[Little Elephant and Sorting](#) · [Tutorial](#)

Quality: 6,477 global accepts · Rating: 1400 · first AC: 2012-07-19 · GNU C++ (first AC) · Tags: brute force, greedy

[tmt514's solution](#)

839.

197B

[Limit](#) · [Tutorial](#)

Quality: 4,917 global accepts · Rating: 1400 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

840.

203C

[Photographer](#) · [Tutorial](#)

Quality: 6,063 global accepts · Rating: 1400 · first AC: 2012-07-18 · GNU C++ (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

841.

188F

[Binary Notation](#) · [Tutorial](#)

Quality: 345 global accepts · Rating: 1400 · first AC: 2012-05-25 · Roco (first AC) · Tags: *special, implementation

[tmt514's solution](#)

842.

188E

[HQ9+](#) · [Tutorial](#)

Quality: 556 global accepts · Rating: 1400 · first AC: 2012-05-25 · Roco (first AC) · Tags: *special, implementation

[tmt514's solution](#)

843.

188C

[LCM](#) · [Tutorial](#)

Quality: 502 global accepts · Rating: 1400 · first AC: 2012-05-25 · Roco (first AC) · Tags: *special, implementation, math

[tmt514's solution](#)

844.

182D

[Common Divisors](#) · [Tutorial](#)

Quality: 9,243 global accepts · Rating: 1400 · first AC: 2012-04-25 · GNU C++ (first AC) · Tags: brute force, hashing, implementation, math, strings

[tmt514's solution](#)

845.

174B

[File List](#) · [Tutorial](#)

Quality: 2,515 global accepts · Rating: 1400 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: dp, greedy, implementation

[tmt514's solution](#)

846.

180C

[Letter](#) · [Tutorial](#)

Quality: 8,561 global accepts · Rating: 1400 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

847.

175B

[Plane of Tanks: Pro](#) · [Tutorial](#)

Quality: 1,574 global accepts · Rating: 1400 · first AC: 2012-04-14 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

848.

175A

[Robot Bicorn Attack](#) · [Tutorial](#)

Quality: 2,550 global accepts · Rating: 1400 · first AC: 2012-04-14 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

849.

159C

[String Manipulation 1.0](#) · [Tutorial](#)

Quality: 3,204 global accepts · Rating: 1400 · first AC: 2012-03-10 · GNU C++ (first AC) · Tags: *special, binary search, brute force, data structures, strings

[tmt514's solution](#)

850.

159A

[Friends or Not](#) · [Tutorial](#)

Quality: 2,658 global accepts · Rating: 1400 · first AC: 2012-03-10 · GNU C++ (first AC) · Tags: *special, greedy, implementation

[tmt514's solution](#)

851.

130B

[Gnikool Ssalg](#) · [Tutorial](#)

Quality: 563 global accepts · Rating: 1400 · first AC: 2012-03-06 · Befunge (first AC) · Tags: *special, implementation, strings

[tmt514's solution](#)

852.

158C

[Cd and pwd commands](#) · [Tutorial](#)

Quality: 10,392 global accepts · Rating: 1400 · first AC: 2012-03-04 · GNU C++ (first AC) · Tags: *special, data structures, implementation

[tmt514's solution](#)

853.

150A

[Win or Freeze](#) · [Tutorial](#)

Quality: 8,594 global accepts · Rating: 1400 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: games, math, number theory

[tmt514's solution](#)

854.

152C

[Pocket Book](#) · [Tutorial](#)

Quality: 11,638 global accepts · Rating: 1400 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: combinatorics

[tmt514's solution](#)

855.

141B

[Hopscotch](#) · [Tutorial](#)

Quality: 5,789 global accepts · Rating: 1400 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: geometry, math

[tmt514's solution](#)

856.

131C

[The World is a Theatre](#) · [Tutorial](#)

Quality: 12,585 global accepts · Rating: 1400 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: combinatorics, math

[tmt514's solution](#)

857.

45I

[TCMCF+++](#) · [Tutorial](#)

Quality: 2,803 global accepts · Rating: 1400 · first AC: 2011-12-14 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

858.

44E

[Anfisa the Monkey](#) · [Tutorial](#)

Quality: 6,117 global accepts · Rating: 1400 · first AC: 2011-11-28 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

859.

77A

[Heroes](#) · [Tutorial](#)

Quality: 1,953 global accepts · Rating: 1400 · first AC: 2011-11-20 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

860.

120F

[Spiders](#) · [Tutorial](#)

Quality: 4,129 global accepts · Rating: 1400 · first AC: 2011-10-18 · last AC: 2011-11-19 · GNU C++ (first AC) · Tags: dp, greedy, trees

[tmt514's solution](#)

861.

120D

[Three Sons](#) · [Tutorial](#)

Quality: 2,101 global accepts · Rating: 1400 · first AC: 2011-10-18 · last AC: 2011-11-07 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

862.

125A

[Measuring Lengths in Baden](#) · [Tutorial](#)

Quality: 3,232 global accepts · Rating: 1400 · first AC: 2011-11-07 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

863.

120E

[Put Knight!](#) · [Tutorial](#)

Quality: 2,963 global accepts · Rating: 1400 · first AC: 2011-10-18 · last AC: 2011-11-07 · GNU C++ (first AC) · Tags: games, math

[tmt514's solution](#)

864.

124B

[Permutations](#) · [Tutorial](#)

Quality: 4,872 global accepts · Rating: 1400 · first AC: 2011-11-07 · GNU C++ (first AC) · Tags: brute force, combinatorics, implementation

[tmt514's solution](#)

865.

107A

[Dorm Water Supply](#) · [Tutorial](#)

Quality: 5,908 global accepts · Rating: 1400 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: dfs and similar, graphs

[tmt514's solution](#)

866.

41B

[Martian Dollar](#) · [Tutorial](#)

Quality: 4,628 global accepts · Rating: 1400 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

867.

111A

[Petya and Inequiations](#) · [Tutorial](#)

Quality: 5,171 global accepts · Rating: 1400 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

868.

38C

[Blinds](#) · [Tutorial](#)

Quality: 2,561 global accepts · Rating: 1400 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

869.

108B

[Datatypes](#) · [Tutorial](#)

Quality: 2,735 global accepts · Rating: 1400 · first AC: 2011-10-03 · GNU C++ (first AC) · Tags: math, sortings

[tmt514's solution](#)

870.

42A

[Guilty --- to the kitchen!](#) · [Tutorial](#)

Quality: 3,173 global accepts · Rating: 1400 · first AC: 2011-10-03 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

871.

60B

[Serial Time!](#) · [Tutorial](#)

Quality: 5,312 global accepts · Rating: 1400 · first AC: 2011-09-22 · GNU C++ (first AC) · Tags: dfs and similar, dsu

[tmt514's solution](#)

872.

30A

[Accounting](#) · [Tutorial](#)

Quality: 3,989 global accepts · Rating: 1400 · first AC: 2011-08-29 · GNU C++ (first AC) · Tags: brute force, math

[tmt514's solution](#)

873.

26B

[Regular Bracket Sequence](#) · [Tutorial](#)

Quality: 25,855 global accepts · Rating: 1400 · first AC: 2011-08-20 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

874.

24A

[Ring road](#) · [Tutorial](#)

Quality: 6,866 global accepts · Rating: 1400 · first AC: 2011-08-09 · GNU C++ (first AC) · Tags: graphs

[tmt514's solution](#)

875.

19A

[World Football Cup](#) · [Tutorial](#)

Quality: 3,141 global accepts · Rating: 1400 · first AC: 2011-08-04 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

876.

8B

[Obsession with Robots](#) · [Tutorial](#)

Quality: 4,965 global accepts · Rating: 1400 · first AC: 2011-05-19 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, implementation

[tmt514's solution](#)

877.

81A

[Plug-in](#) · [Tutorial](#)

Quality: 13,900 global accepts · Rating: 1400 · first AC: 2011-05-04 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

878.

79B

[Colorful Field](#) · [Tutorial](#)

Quality: 7,991 global accepts · Rating: 1400 · first AC: 2011-04-30 · GNU C++ (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

879.

1253C

[Sweets Eating](#) · [Tutorial](#)

Quality: 15,304 global accepts · Rating: 1500 · first AC: 2021-11-06 · C++17 (GCC 7-32) (first AC) · Tags: dp, greedy, math, sortings

[tmt514's solution](#)

880.

1179A

[Valeriy and Deque](#) · [Tutorial](#)

Quality: 11,799 global accepts · Rating: 1500 · first AC: 2021-11-01 · C++17 (GCC 7-32) (first AC) · Tags: data structures, implementation

[tmt514's solution](#)

881.

702B

[Powers of Two](#) · [Tutorial](#)

Quality: 13,632 global accepts · Rating: 1500 · first AC: 2021-11-01 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, implementation, math

[tmt514's solution](#)

882.

1283C

[Friends and Gifts](#) · [Tutorial](#)

Quality: 14,155 global accepts · Rating: 1500 · first AC: 2019-12-31 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, data structures, math

[tmt514's solution](#)

883.

1209C

[Paint the Digits](#) · [Tutorial](#)

Quality: 7,860 global accepts · Rating: 1500 · first AC: 2019-09-14 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy, implementation

[tmt514's solution](#)

884.

1161A

[Hide and Seek](#) · [Tutorial](#)

Rating: 1500 · first AC: 2019-05-04 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, graphs

[tmt514's solution](#)

885.

1043C

[Smallest Word](#) · [Tutorial](#)

Quality: 7,224 global accepts · Rating: 1500 · first AC: 2018-10-28 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy, implementation

[tmt514's solution](#)

886.

1054C

[Candies Distribution](#) · [Tutorial](#)

Quality: 4,488 global accepts · Rating: 1500 · first AC: 2018-10-18 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

887.

576A

[Vasya and Petya's Game](#) · [Tutorial](#)

Quality: 15,929 global accepts · Rating: 1500 · first AC: 2017-10-14 · C++14 (GCC 6-32) (first AC) · Tags: math, number theory

[tmt514's solution](#)

888.

580B

[Kefa and Company](#) · [Tutorial](#)

Quality: 31,925 global accepts · Rating: 1500 · first AC: 2017-05-25 · C++14 (GCC 6-32) (first AC) · Tags: binary search, sortings, two pointers

[tmt514's solution](#)

889.

676C

[Vasya and String](#) · [Tutorial](#)

Quality: 22,437 global accepts · Rating: 1500 · first AC: 2016-06-05 · GNU C++11 (first AC) · Tags: binary search, dp, strings, two pointers

[tmt514's solution](#)

890.

580C

[Kefa and Park](#) · [Tutorial](#)

Quality: 55,465 global accepts · Rating: 1500 · first AC: 2016-06-03 · GNU C++11 (first AC) · Tags: dfs and similar, graphs, trees

[tmt514's solution](#)

891.

496C

[Removing Columns](#) · [Tutorial](#)

Quality: 8,155 global accepts · Rating: 1500 · first AC: 2015-12-27 · GNU C++11 (first AC) · Tags: brute force, constructive algorithms, implementation

[tmt514's solution](#)

892.

468A

[24 Game](#) · [Tutorial](#)

Quality: 8,399 global accepts · Rating: 1500 · first AC: 2015-11-27 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, math
[tmt514's solution](#)

893.

545C

[Woodcutters](#) · [Tutorial](#)

Quality: 32,870 global accepts · Rating: 1500 · first AC: 2015-10-28 · GNU C++11 (first AC) · Tags: dp, greedy
[tmt514's solution](#)

894.

550C

[Divisibility by Eight](#) · [Tutorial](#)

Quality: 32,138 global accepts · Rating: 1500 · first AC: 2015-10-11 · GNU C++11 (first AC) · Tags: brute force, dp, math
[tmt514's solution](#)

895.

555A

[Case of Matryoshkas](#) · [Tutorial](#)

Quality: 6,683 global accepts · Rating: 1500 · first AC: 2015-09-04 · GNU C++11 (first AC) · Tags: implementation
[tmt514's solution](#)

896.

460B

[Little Dima and Equation](#) · [Tutorial](#)

Quality: 13,372 global accepts · Rating: 1500 · first AC: 2015-09-01 · GNU C++11 (first AC) · Tags: brute force, implementation, math, number theory
[tmt514's solution](#)

897.

550A

[Two Substrings](#) · [Tutorial](#)

Quality: 43,647 global accepts · Rating: 1500 · first AC: 2015-08-23 · GNU C++11 (first AC) · Tags: brute force, dp, greedy, implementation, strings
[tmt514's solution](#)

898.

455A

[Boredom](#) · [Tutorial](#)

Quality: 71,978 global accepts · Rating: 1500 · first AC: 2015-07-13 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

899.

436A

[Feed with Candy](#) · [Tutorial](#)

Quality: 3,788 global accepts · Rating: 1500 · first AC: 2014-06-13 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

900.

404B

[Marathon](#) · [Tutorial](#)

Quality: 3,050 global accepts · Rating: 1500 · first AC: 2014-04-19 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

901.

409H

[A + B Strikes Back](#) · [Tutorial](#)

Quality: 9,489 global accepts · Rating: 1500 · first AC: 2014-04-01 · GNU C++ (first AC) · Tags: *special, brute force, constructive algorithms, dsu, implementation
[tmt514's solution](#)

902.

316E1

[Summer Homework](#) · [Tutorial](#)

Quality: 1,548 global accepts · Rating: 1500 · first AC: 2014-03-30 · GNU C++ (first AC) · Tags: brute force, data structures

[tmt514's solution](#)

903.

354A

[Vasya and Robot](#) · [Tutorial](#)

Quality: 5,658 global accepts · Rating: 1500 · first AC: 2014-03-30 · GNU C++ (first AC) · Tags: brute force, greedy, math

[tmt514's solution](#)

904.

367A

[Sereja and Algorithm](#) · [Tutorial](#)

Quality: 4,546 global accepts · Rating: 1500 · first AC: 2014-03-30 · GNU C++ (first AC) · Tags: data structures, implementation

[tmt514's solution](#)

905.

374B

[Inna and Nine](#) · [Tutorial](#)

Quality: 3,489 global accepts · Rating: 1500 · first AC: 2014-03-30 · GNU C++ (first AC) · Tags: combinatorics, greedy

[tmt514's solution](#)

906.

356A

[Knight Tournament](#) · [Tutorial](#)

Quality: 16,790 global accepts · Rating: 1500 · first AC: 2014-03-22 · last AC: 2014-03-22 · GNU C++ (first AC) · Tags: data structures, dsu

[tmt514's solution](#)

907.

400C

[Inna and Huge Candy Matrix](#) · [Tutorial](#)

Quality: 3,010 global accepts · Rating: 1500 · first AC: 2014-03-20 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

908.

384B

[Multitasking](#) · [Tutorial](#)

Quality: 3,803 global accepts · Rating: 1500 · first AC: 2014-03-19 · GNU C++ (first AC) · Tags: greedy, implementation, sortings, two pointers

[tmt514's solution](#)

909.

362A

[Two Semiknights Meet](#) · [Tutorial](#)

Quality: 2,805 global accepts · Rating: 1500 · first AC: 2014-03-14 · GNU C++ (first AC) · Tags: greedy, math

[tmt514's solution](#)

910.

358B

[Dima and Text Messages](#) · [Tutorial](#)

Quality: 3,908 global accepts · Rating: 1500 · first AC: 2014-03-08 · GNU C++ (first AC) · Tags: brute force, strings

[tmt514's solution](#)

911.

340D

[Bubble Sort Graph](#) · [Tutorial](#)

Quality: 7,904 global accepts · Rating: 1500 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: binary search, data structures, dp

[tmt514's solution](#)

912.

331A2

[Oh Sweet Beaverette](#) · [Tutorial](#)

Quality: 1,546 global accepts · Rating: 1500 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: data structures, sortings

[tmt514's solution](#)

913.

350B

[Resort](#) · [Tutorial](#)

Quality: 3,398 global accepts · Rating: 1500 · first AC: 2013-10-07 · GNU C++ (first AC) · Tags: graphs

[tmt514's solution](#)

914.

342B

[Xenia and Spies](#) · [Tutorial](#)

Quality: 4,207 global accepts · Rating: 1500 · first AC: 2013-09-16 · GNU C++ (first AC) · Tags: brute force, greedy, implementation

[tmt514's solution](#)

915.

320B

[Ping-Pong \(Easy Version\)](#) · [Tutorial](#)

Quality: 7,783 global accepts · Rating: 1500 · first AC: 2013-08-10 · GNU C++ (first AC) · Tags: dfs and similar, graphs

[tmt514's solution](#)

916.

332B

[Maximum Absurdity](#) · [Tutorial](#)

Quality: 8,711 global accepts · Rating: 1500 · first AC: 2013-08-08 · GNU C++ (first AC) · Tags: data structures, dp, implementation

[tmt514's solution](#)

917.

329B

[Biridian Forest](#) · [Tutorial](#)

Quality: 7,496 global accepts · Rating: 1500 · first AC: 2013-07-20 · GNU C++ (first AC) · Tags: dfs and similar, shortest paths

[tmt514's solution](#)

918.

329A

[Purification](#) · [Tutorial](#)

Quality: 4,805 global accepts · Rating: 1500 · first AC: 2013-07-20 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[tmt514's solution](#)

919.

325A

[Square and Rectangles](#) · [Tutorial](#)

Quality: 2,301 global accepts · Rating: 1500 · first AC: 2013-07-14 · last AC: 2013-07-14 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

920.

100D

[World of Mouth](#) · [Tutorial](#)

Quality: 365 global accepts · Rating: 1500 · first AC: 2013-06-21 · Pike (first AC) · Tags: *special, strings

[tmt514's solution](#)

921.

212E

[IT Restaurants](#) · [Tutorial](#)

Quality: 2,196 global accepts · Rating: 1500 · first AC: 2013-06-16 · GNU C++ (first AC) · Tags: dfs and similar, dp, trees

[tmt514's solution](#)

922.

316B1

[EKG](#) · [Tutorial](#)

Quality: 1,498 global accepts · Rating: 1500 · first AC: 2013-06-15 · GNU C++ (first AC) · Tags: brute force, dfs and similar

[tmt514's solution](#)

923.

72I

[Goofy Numbers](#) · [Tutorial](#)

Quality: 483 global accepts · Rating: 1500 · first AC: 2013-06-01 · lo (first AC) · Tags: *special, implementation

[tmt514's solution](#)

924.

100B

[Friendly Numbers](#) · [Tutorial](#)

Quality: 581 global accepts · Rating: 1500 · first AC: 2013-05-24 · Pike (first AC) · Tags: *special, implementation

[tmt514's solution](#)

925.

293A

[Weird Game](#) · [Tutorial](#)

Quality: 3,197 global accepts · Rating: 1500 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: games, greedy

[tmt514's solution](#)

926.

288B

[Polo the Penguin and Houses](#) · [Tutorial](#)

Quality: 3,212 global accepts · Rating: 1500 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: combinatorics

[tmt514's solution](#)

927.

300B

[Coach](#) · [Tutorial](#)

Quality: 7,148 global accepts · Rating: 1500 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: brute force, dfs and similar, graphs

[tmt514's solution](#)

928.

290B

[QR code](#) · [Tutorial](#)

Quality: 2,617 global accepts · Rating: 1500 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: *special, implementation

[tmt514's solution](#)

929.

278B

[New Problem](#) · [Tutorial](#)

Quality: 3,639 global accepts · Rating: 1500 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: brute force, strings

[tmt514's solution](#)

930.

276C

[Little Girl and Maximum Sum](#) · [Tutorial](#)

Quality: 39,555 global accepts · Rating: 1500 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: data structures, greedy, implementation, sortings

[tmt514's solution](#)

931.

282C

[XOR and OR](#) · [Tutorial](#)

Quality: 10,183 global accepts · Rating: 1500 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: constructive algorithms, implementation, math

[tmt514's solution](#)

932.

282B

[Painting Eggs](#) · [Tutorial](#)

Quality: 13,971 global accepts · Rating: 1500 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: greedy, math

[tmt514's solution](#)

933.

274A

[k-Multiple Free Set](#) · [Tutorial](#)

Quality: 10,813 global accepts · Rating: 1500 · first AC: 2013-03-05 · GNU C++ (first AC) · Tags: binary search, greedy, sortings

[tmt514's solution](#)

934.

255C

[Almost Arithmetical Progression](#) · [Tutorial](#)

Quality: 5,050 global accepts · Rating: 1500 · first AC: 2013-02-14 · GNU C++ (first AC) · Tags: brute force, dp

[tmt514's solution](#)

935.

272C

[Dima and Staircase](#) · [Tutorial](#)

Quality: 7,201 global accepts · Rating: 1500 · first AC: 2013-02-14 · GNU C++ (first AC) · Tags: data structures, implementation

[tmt514's solution](#)

936.

273A

[Dima and Staircase](#) · [Tutorial](#)

Quality: 1500 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

937.

264B

[Good Sequences](#) · [Tutorial](#)

Quality: 12,022 global accepts · Rating: 1500 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: dp, number theory

[tmt514's solution](#)

938.

250B

[Restoring IPv6](#) · [Tutorial](#)

Quality: 2,240 global accepts · Rating: 1500 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

939.

271C

[Secret](#) · [Tutorial](#)

Quality: 3,136 global accepts · Rating: 1500 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

940.

268C

[Beautiful Sets of Points](#) · [Tutorial](#)

Quality: 14,639 global accepts · Rating: 1500 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

941.

254B

[Jury Size](#) · [Tutorial](#)

Quality: 2,268 global accepts · Rating: 1500 · first AC: 2013-01-06 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

942.

245D

[Restoring Table](#) · [Tutorial](#)

Quality: 2,881 global accepts · Rating: 1500 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[tmt514's solution](#)

943.

239B

[Easy Tape Programming](#) · [Tutorial](#)

Quality: 1,474 global accepts · Rating: 1500 · first AC: 2012-11-11 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

944.

177C2

[Party](#) · [Tutorial](#)

Quality: 3,013 global accepts · Rating: 1500 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: brute force, dfs and similar, dsu, graphs

[tmt514's solution](#)

945.

177C1

[Party](#) · [Tutorial](#)

Quality: 2,999 global accepts · Rating: 1500 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: dfs and similar, dsu, graphs

[tmt514's solution](#)

946.

229A

[Shifts](#) · [Tutorial](#)

Quality: 3,754 global accepts · Rating: 1500 · first AC: 2012-11-02 · GNU C++ (first AC) · Tags: brute force, two pointers

[tmt514's solution](#)

947.

177D2

[Encrypting Messages](#) · [Tutorial](#)

Quality: 2,682 global accepts · Rating: 1500 · first AC: 2012-11-02 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

948.

237B

[Young Table](#) · [Tutorial](#)

Quality: 2,376 global accepts · Rating: 1500 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: implementation, sortings

[tmt514's solution](#)

949.

231B

[Magic, Wizardry and Wonders](#) · [Tutorial](#)

Quality: 3,915 global accepts · Rating: 1500 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[tmt514's solution](#)

950.

224B

[Array](#) · [Tutorial](#)

Quality: 7,916 global accepts · Rating: 1500 · first AC: 2012-09-22 · GNU C++ (first AC) · Tags: bitmasks, implementation, two pointers

[tmt514's solution](#)

951.

204A

[Little Elephant and Interval](#) · [Tutorial](#)

Quality: 6,590 global accepts · Rating: 1500 · first AC: 2012-07-25 · GNU C++ (first AC) · Tags: binary search, combinatorics, dp

[tmt514's solution](#)

952.

204B

[Little Elephant and Cards](#) · [Tutorial](#)

Quality: 5,909 global accepts · Rating: 1500 · first AC: 2012-07-19 · GNU C++ (first AC) · Tags: binary search, data structures

[tmt514's solution](#)

953.

211E

[IT Restaurants](#) · [Tutorial](#)

Rating: 1500 · first AC: 2012-07-15 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

954.

191A

[Dynasty Puzzles](#) · [Tutorial](#)

Quality: 4,554 global accepts · Rating: 1500 · first AC: 2012-05-27 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

955.

64B

[Expression](#) · [Tutorial](#)

Quality: 1,054 global accepts · Rating: 1500 · first AC: 2012-05-21 · Tcl (first AC) · Tags: *special, expression parsing

[tmt514's solution](#)

956.

190C

[STL](#) · [Tutorial](#)

Quality: 3,225 global accepts · Rating: 1500 · first AC: 2012-05-21 · GNU C++ (first AC) · Tags: dfs and similar

[tmt514's solution](#)

957.

187A

[Permutations](#) · [Tutorial](#)

Quality: 3,043 global accepts · Rating: 1500 · first AC: 2012-05-10 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

958.

178D1

[Magic Squares](#) · [Tutorial](#)

Quality: 735 global accepts · Rating: 1500 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

959.

172D

[Calendar Reform](#) · [Tutorial](#)

Quality: 1,518 global accepts · Rating: 1500 · first AC: 2012-04-03 · GNU C++ (first AC) · Tags: *special, number theory

[tmt514's solution](#)

960.

172C

[Bus](#) · [Tutorial](#)

Quality: 1,259 global accepts · Rating: 1500 · first AC: 2012-04-03 · GNU C++ (first AC) · Tags: *special, implementation, sortings

[tmt514's solution](#)

961.

166E

[Tetrahedron](#) · [Tutorial](#)

Quality: 25,623 global accepts · Rating: 1500 · first AC: 2012-03-23 · GNU C++ (first AC) · Tags: dp, math, matrices

[tmt514's solution](#)

962.

166C

[Median](#) · [Tutorial](#)

Quality: 7,431 global accepts · Rating: 1500 · first AC: 2012-03-23 · GNU C++ (first AC) · Tags: greedy, math, sortings

[tmt514's solution](#)

963.

165B

[Burning Midnight Oil](#) · [Tutorial](#)

Quality: 22,860 global accepts · Rating: 1500 · first AC: 2012-03-17 · GNU C++ (first AC) · Tags: binary search, implementation

[tmt514's solution](#)

964.

159D

[Palindrome pairs](#) · [Tutorial](#)

Quality: 4,685 global accepts · Rating: 1500 · first AC: 2012-03-10 · GNU C++ (first AC) · Tags: *special, brute force, dp, strings

[tmt514's solution](#)

965.

130D

[Exponentiation](#) · [Tutorial](#)

Quality: 425 global accepts · Rating: 1500 · first AC: 2012-03-06 · Befunge (first AC) · Tags: *special

[tmt514's solution](#)

966.

130C

[Decimal sum](#) · [Tutorial](#)

Quality: 539 global accepts · Rating: 1500 · first AC: 2012-03-06 · Befunge (first AC) · Tags: *special

[tmt514's solution](#)

967.

149C

[Division into Teams](#) · [Tutorial](#)

Quality: 5,733 global accepts · Rating: 1500 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: greedy, math, sortings

[tmt514's solution](#)

968.

144C

[Anagram Search](#) · [Tutorial](#)

Quality: 4,264 global accepts · Rating: 1500 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

969.

148B

[Escape](#) · [Tutorial](#)

Quality: 6,015 global accepts · Rating: 1500 · first AC: 2012-02-23 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

970.

53D

[Physical Education](#) · [Tutorial](#)

Quality: 2,626 global accepts · Rating: 1500 · first AC: 2011-12-25 · GNU C++ (first AC) · Tags: sortings

[tmt514's solution](#)

971.

137C

[History](#) · [Tutorial](#)

Quality: 7,815 global accepts · Rating: 1500 · first AC: 2011-12-20 · GNU C++ (first AC) · Tags: sortings

[tmt514's solution](#)

972.

44B

[Cola](#) · [Tutorial](#)

Quality: 2,302 global accepts · Rating: 1500 · first AC: 2011-11-28 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

973.

88B

[Keyboard](#) · [Tutorial](#)

Quality: 5,259 global accepts · Rating: 1500 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

974.

128A

[Statues](#) · [Tutorial](#)

Quality: 3,509 global accepts · Rating: 1500 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: dfs and similar

[tmt514's solution](#)

975.

49B

[Sum](#) · [Tutorial](#)

Quality: 2,802 global accepts · Rating: 1500 · first AC: 2011-11-20 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

976.

39J

[Spelling Check](#) · [Tutorial](#)

Quality: 3,571 global accepts · Rating: 1500 · first AC: 2011-11-11 · GNU C++ (first AC) · Tags: hashing, implementation, strings

[tmt514's solution](#)

977.

121B

[Lucky Transformation](#) · [Tutorial](#)

Quality: 2,822 global accepts · Rating: 1500 · first AC: 2011-11-07 · GNU C++ (first AC) · Tags: strings

[tmt514's solution](#)

978.

91A

[Newspaper Headline](#) · [Tutorial](#)

Quality: 3,954 global accepts · Rating: 1500 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: greedy, strings

[tmt514's solution](#)

979.

91B

[Queue](#) · [Tutorial](#)

Quality: 7,737 global accepts · Rating: 1500 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: binary search, data structures

[tmt514's solution](#)

980.

48D

[Permutations](#) · [Tutorial](#)

Quality: 2,996 global accepts · Rating: 1500 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

981.

75B

[Facetook Priority Wall](#) · [Tutorial](#)

Quality: 3,621 global accepts · Rating: 1500 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: expression parsing, implementation, strings

[tmt514's solution](#)

982.

114B

[PFAST Inc.](#) · [Tutorial](#)

Quality: 4,261 global accepts · Rating: 1500 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: bitmasks, brute force, graphs

[tmt514's solution](#)

983.

74B

[Train](#) · [Tutorial](#)

Quality: 1,785 global accepts · Rating: 1500 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: dp, games, greedy

[tmt514's solution](#)

984.

35C

[Fire Again](#) · [Tutorial](#)

Quality: 8,618 global accepts · Rating: 1500 · first AC: 2011-10-08 · GNU C++ (first AC) · Tags: brute force, dfs and similar, shortest paths

[tmt514's solution](#)

985.

115B

[Lawnmower](#) · [Tutorial](#)

Quality: 2,841 global accepts · Rating: 1500 · first AC: 2011-09-15 · GNU C++ (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

986.

50B

[Choosing Symbol Pairs](#) · [Tutorial](#)

Quality: 6,451 global accepts · Rating: 1500 · first AC: 2011-09-13 · GNU C++ (first AC) · Tags: strings

[tmt514's solution](#)

987.

31B

[Sysadmin Bob](#) · [Tutorial](#)

Quality: 4,743 global accepts · Rating: 1500 · first AC: 2011-08-30 · GNU C++ (first AC) · Tags: greedy, implementation, strings

[tmt514's solution](#)

988.

29B

[Traffic Lights](#) · [Tutorial](#)

Quality: 3,350 global accepts · Rating: 1500 · first AC: 2011-08-23 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

989.

24B

[F1 Champions](#) · [Tutorial](#)

Quality: 2,036 global accepts · Rating: 1500 · first AC: 2011-08-09 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

990.

103B

[Cthulhu](#) · [Tutorial](#)

Quality: 10,655 global accepts · Rating: 1500 · first AC: 2011-08-07 · GNU C++ (first AC) · Tags: dfs and similar, dsu, graphs

[tmt514's solution](#)

991.

22B

[Bargaining Table](#) · [Tutorial](#)

Quality: 4,784 global accepts · Rating: 1500 · first AC: 2011-08-06 · GNU C++ (first AC) · Tags: brute force, dp

[tmt514's solution](#)

992.

18A

[Triangle](#) · [Tutorial](#)

Quality: 6,959 global accepts · Rating: 1500 · first AC: 2011-08-04 · GNU C++ (first AC) · Tags: brute force, geometry

[tmt514's solution](#)

993.

17B

[Hierarchy](#) · [Tutorial](#)

Quality: 6,118 global accepts · Rating: 1500 · first AC: 2011-08-02 · GNU C++ (first AC) · Tags: dfs and similar, dsu, greedy, shortest paths

[tmt514's solution](#)

994.

10B

[Cinema Cashier](#) · [Tutorial](#)

Quality: 2,054 global accepts · Rating: 1500 · first AC: 2011-06-14 · GNU C++ (first AC) · Tags: dp, implementation

[tmt514's solution](#)

995.

87A

[Trains](#) · [Tutorial](#)

Quality: 5,815 global accepts · Rating: 1500 · first AC: 2011-06-07 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

996.

2A

[Winner](#) · [Tutorial](#)

Quality: 31,230 global accepts · Rating: 1500 · first AC: 2011-03-08 · GNU C++ (first AC) · Tags: hashing, implementation

[tmt514's solution](#)

997.

1437D

[Minimal Height Tree](#) · [Tutorial](#)

Quality: 14,374 global accepts · Rating: 1600 · first AC: 2021-11-13 · C++17 (GCC 7-32) (first AC) · Tags: graphs, greedy, shortest paths, trees

[tmt514's solution](#)

998.

1528A

[Parsa's Humongous Tree](#) · [Tutorial](#)

Quality: 18,990 global accepts · Rating: 1600 · first AC: 2021-11-06 · last AC: 2021-11-06 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, divide and conquer, dp, greedy, trees

[tmt514's solution](#)

999.

1295C

[Obtain The String](#) · [Tutorial](#)

Quality: 13,842 global accepts · Rating: 1600 · first AC: 2021-11-06 · C++17 (GCC 7-32) (first AC) · Tags: dp, greedy, strings

[tmt514's solution](#)

1000.

706C

[Hard problem](#) · [Tutorial](#)

Quality: 19,364 global accepts · Rating: 1600 · first AC: 2021-11-06 · C++17 (GCC 7-32) (first AC) · Tags: dp, strings

[tmt514's solution](#)

1001.

601A

[The Two Routes](#) · [Tutorial](#)

Quality: 13,874 global accepts · Rating: 1600 · first AC: 2018-09-18 · C++14 (GCC 6-32) (first AC) · Tags: graphs, shortest paths

[tmt514's solution](#)

1002.

952C

[Ravioli Sort](#) · [Tutorial](#)

Quality: 3,061 global accepts · Rating: 1600 · first AC: 2018-04-01 · C++14 (GCC 6-32) (first AC) · Tags: implementation

[tmt514's solution](#)

1003.

913C

[Party Lemonade](#) · [Tutorial](#)

Quality: 8,463 global accepts · Rating: 1600 · first AC: 2018-01-08 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, dp, greedy

[tmt514's solution](#)

1004.

431C

[k-Tree](#) · [Tutorial](#)

Quality: 29,777 global accepts · Rating: 1600 · first AC: 2017-06-30 · C++14 (GCC 6-32) (first AC) · Tags: dp, implementation, trees

[tmt514's solution](#)

1005.

756B

[Travel Card](#) · [Tutorial](#)

Quality: 4,539 global accepts · Rating: 1600 · first AC: 2017-01-22 · C++14 (GCC 6-32) (first AC) · Tags: binary search, dp

[tmt514's solution](#)

1006.

750C

[New Year and Rating](#) · [Tutorial](#)

Quality: 6,991 global accepts · Rating: 1600 · first AC: 2016-12-30 · C++14 (GCC 6-32) (first AC) · Tags: binary search, greedy, math

[tmt514's solution](#)

1007.

725C

[Hidden Word](#) · [Tutorial](#)

Quality: 2,885 global accepts · Rating: 1600 · first AC: 2016-10-22 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, implementation, strings

[tmt514's solution](#)

1008.

440B

[Balancer](#) · [Tutorial](#)

Quality: 2,325 global accepts · Rating: 1600 · first AC: 2016-07-19 · GNU C++11 (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

1009.

616D

[Longest k-Good Segment](#) · [Tutorial](#)

Quality: 12,376 global accepts · Rating: 1600 · first AC: 2016-06-18 · GNU C++11 (first AC) · Tags: binary search, data structures, two pointers

[tmt514's solution](#)

1010.

525C

[Ilya and Sticks](#) · [Tutorial](#)

Quality: 6,066 global accepts · Rating: 1600 · first AC: 2016-06-03 · GNU C++11 (first AC) · Tags: greedy, math, sortings

[tmt514's solution](#)

1011.

500C

[New Year Book Reading](#) · [Tutorial](#)

Quality: 6,032 global accepts · Rating: 1600 · first AC: 2016-01-03 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, implementation, math

[tmt514's solution](#)

1012.

500B

[New Year Permutation](#) · [Tutorial](#)

Quality: 9,601 global accepts · Rating: 1600 · first AC: 2015-11-29 · GNU C++11 (first AC) · Tags: dfs and similar, dsu, graphs, greedy, math, sortings

[tmt514's solution](#)

1013.

518A

[Vitaly and Strings](#) · [Tutorial](#)

Quality: 9,541 global accepts · Rating: 1600 · first AC: 2015-10-11 · GNU C++11 (first AC) · Tags: constructive algorithms, strings

[tmt514's solution](#)

1014.

559A

[Gerald's Hexagon](#) · [Tutorial](#)

Quality: 10,908 global accepts · Rating: 1600 · first AC: 2015-09-04 · GNU C++11 (first AC) · Tags: brute force, geometry, math

[tmt514's solution](#)

1015.

573B

[Bear and Blocks](#) · [Tutorial](#)

Quality: 6,352 global accepts · Rating: 1600 · first AC: 2015-08-29 · GNU C++11 (first AC) · Tags: binary search, data structures, dp, math

[tmt514's solution](#)

1016.

538C

[Tourist's Notes](#) · [Tutorial](#)

Quality: 6,140 global accepts · Rating: 1600 · first AC: 2015-04-26 · GNU C++11 (first AC) · Tags: binary search, brute force, greedy, implementation, math

[tmt514's solution](#)

1017.

512A

[Fox And Names](#) · [Tutorial](#)

Rating: 1600 · first AC: 2015-02-02 · GNU C++ (first AC) · Tags: dfs and similar, graphs, greedy, sortings

[tmt514's solution](#)

1018.

424C

[Magic Formulas](#) · [Tutorial](#)

Quality: 5,951 global accepts · Rating: 1600 · first AC: 2014-04-27 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

1019.

375A

[Divisible by Seven](#) · [Tutorial](#)

Quality: 5,344 global accepts · Rating: 1600 · first AC: 2014-04-03 · GNU C++ (first AC) · Tags: math, number theory

[tmt514's solution](#)

1020.

375B

[Maximum Submatrix 2](#) · [Tutorial](#)

Quality: 5,430 global accepts · Rating: 1600 · first AC: 2014-04-03 · GNU C++ (first AC) · Tags: data structures, dp, implementation, sortings

[tmt514's solution](#)

1021.

380A

[Sereja and Prefixes](#) · [Tutorial](#)

Quality: 2,911 global accepts · Rating: 1600 · first AC: 2014-04-03 · GNU C++ (first AC) · Tags: binary search, brute force

[tmt514's solution](#)

1022.

364A

[Matrix](#) · [Tutorial](#)

Quality: 4,957 global accepts · Rating: 1600 · first AC: 2014-03-31 · GNU C++ (first AC) · Tags: combinatorics, data structures, implementation

[tmt514's solution](#)

1023.

383A

[Milking cows](#) · [Tutorial](#)

Quality: 5,571 global accepts · Rating: 1600 · first AC: 2014-03-30 · GNU C++ (first AC) · Tags: data structures, greedy
[tmt514's solution](#)

1024.

406A

[Unusual Product](#) · [Tutorial](#)

Rating: 1600 · first AC: 2014-03-22 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

1025.

377A

[Maze](#) · [Tutorial](#)

Quality: 27,053 global accepts · Rating: 1600 · first AC: 2014-03-22 · GNU C++ (first AC) · Tags: dfs and similar
[tmt514's solution](#)

1026.

372A

[Counting Kangaroos is Fun](#) · [Tutorial](#)

Quality: 15,594 global accepts · Rating: 1600 · first AC: 2014-03-21 · GNU C++ (first AC) · Tags: binary search, greedy, sortings, two pointers
[tmt514's solution](#)

1027.

373B

[Making Sequences is Fun](#) · [Tutorial](#)

Quality: 2,795 global accepts · Rating: 1600 · first AC: 2014-03-21 · GNU C++ (first AC) · Tags: binary search, implementation, math
[tmt514's solution](#)

1028.

371C

[Hamburgers](#) · [Tutorial](#)

Quality: 34,505 global accepts · Rating: 1600 · first AC: 2014-03-20 · GNU C++ (first AC) · Tags: binary search, brute force
[tmt514's solution](#)

1029.

369C

[Valera and Elections](#) · [Tutorial](#)

Quality: 12,034 global accepts · Rating: 1600 · first AC: 2014-03-19 · GNU C++ (first AC) · Tags: dfs and similar, graphs, trees
[tmt514's solution](#)

1030.

353C

[Find Maximum](#) · [Tutorial](#)

Quality: 5,263 global accepts · Rating: 1600 · first AC: 2013-10-25 · GNU C++ (first AC) · Tags: implementation, math, number theory
[tmt514's solution](#)

1031.

319A

[Malek Dance Club](#) · [Tutorial](#)

Quality: 3,025 global accepts · Rating: 1600 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: combinatorics, math
[tmt514's solution](#)

1032.

340C

[Tourist Problem](#) · [Tutorial](#)

Quality: 4,680 global accepts · Rating: 1600 · first AC: 2013-10-12 · GNU C++ (first AC) · Tags: combinatorics, implementation, math
[tmt514's solution](#)

1033.

348A

[Mafia](#) · [Tutorial](#)

Quality: 14,683 global accepts · Rating: 1600 · first AC: 2013-10-11 · GNU C++ (first AC) · Tags: binary search, math, sortings
[tmt514's solution](#)

1034.

343B

[Alternating Current](#) · [Tutorial](#)

Quality: 17,294 global accepts · Rating: 1600 · first AC: 2013-10-11 · GNU C++ (first AC) · Tags: data structures, greedy, implementation
[tmt514's solution](#)

1035.

343A

[Rational Resistance](#) · [Tutorial](#)

Quality: 10,082 global accepts · Rating: 1600 · first AC: 2013-10-10 · GNU C++ (first AC) · Tags: math, number theory
[tmt514's solution](#)

1036.

346A

[Alice and Bob](#) · [Tutorial](#)

Quality: 9,351 global accepts · Rating: 1600 · first AC: 2013-10-10 · GNU C++ (first AC) · Tags: games, math, number theory
[tmt514's solution](#)

1037.

337C

[Quiz](#) · [Tutorial](#)

Quality: 5,230 global accepts · Rating: 1600 · first AC: 2013-10-10 · GNU C++ (first AC) · Tags: binary search, greedy, math, matrices, number theory
[tmt514's solution](#)

1038.

333A

[Secrets](#) · [Tutorial](#)

Quality: 4,264 global accepts · Rating: 1600 · first AC: 2013-10-10 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

1039.

350C

[Bombs](#) · [Tutorial](#)

Quality: 6,825 global accepts · Rating: 1600 · first AC: 2013-10-08 · GNU C++ (first AC) · Tags: greedy, implementation, sortings
[tmt514's solution](#)

1040.

323A

[Black-and-White Cube](#) · [Tutorial](#)

Quality: 968 global accepts · Rating: 1600 · first AC: 2013-08-14 · GNU C++ (first AC) · Tags: combinatorics, constructive algorithms
[tmt514's solution](#)

1041.

322B

[Ciel and Flowers](#) · [Tutorial](#)

Quality: 13,199 global accepts · Rating: 1600 · first AC: 2013-07-16 · GNU C++ (first AC) · Tags: combinatorics, math
[tmt514's solution](#)

1042.

100E

[Lamps in a Line](#) · [Tutorial](#)

Quality: 305 global accepts · Rating: 1600 · first AC: 2013-06-21 · Pike (first AC) · Tags: *special, math
[tmt514's solution](#)

1043.

316B2

[EKG](#) · [Tutorial](#)

Quality: 1,780 global accepts · Rating: 1600 · first AC: 2013-06-15 · GNU C++ (first AC) · Tags: dfs and similar, dp
[tmt514's solution](#)

1044.

317A

[Perfect Pair](#) · [Tutorial](#)

Quality: 4,938 global accepts · Rating: 1600 · first AC: 2013-06-14 · GNU C++ (first AC) · Tags: brute force
[tmt514's solution](#)

1045.

314A

[Sereja and Contest](#) · [Tutorial](#)

Quality: 2,172 global accepts · Rating: 1600 · first AC: 2013-06-07 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1046.

72H

[Reverse It!](#) · [Tutorial](#)

Quality: 284 global accepts · Rating: 1600 · first AC: 2013-06-01 · Io (first AC) · Tags: *special, implementation

[tmt514's solution](#)

1047.

305C

[Ivan and Powers of Two](#) · [Tutorial](#)

Quality: 2,658 global accepts · Rating: 1600 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

1048.

305A

[Strange Addition](#) · [Tutorial](#)

Quality: 5,223 global accepts · Rating: 1600 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, implementation

[tmt514's solution](#)

1049.

297B

[Fish Weight](#) · [Tutorial](#)

Quality: 3,766 global accepts · Rating: 1600 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[tmt514's solution](#)

1050.

291D

[Parallel Programming](#) · [Tutorial](#)

Quality: 1,539 global accepts · Rating: 1600 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: *special, greedy

[tmt514's solution](#)

1051.

291C

[Network Mask](#) · [Tutorial](#)

Quality: 1,852 global accepts · Rating: 1600 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: *special, bitmasks, brute force, implementation

[tmt514's solution](#)

1052.

283A

[Cows and Sequence](#) · [Tutorial](#)

Quality: 6,873 global accepts · Rating: 1600 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: constructive algorithms, data structures, implementation

[tmt514's solution](#)

1053.

272D

[Dima and Two Sequences](#) · [Tutorial](#)

Quality: 2,834 global accepts · Rating: 1600 · first AC: 2013-02-14 · GNU C++ (first AC) · Tags: combinatorics, math, sortings

[tmt514's solution](#)

1054.

273B

[Dima and Two Sequences](#) · [Tutorial](#)

Rating: 1600 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: combinatorics

[tmt514's solution](#)

1055.

250C

[Movie Critics](#) · [Tutorial](#)

Quality: 2,230 global accepts · Rating: 1600 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1056.

269A

[Magical Boxes](#) · [Tutorial](#)

Quality: 3,699 global accepts · Rating: 1600 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: greedy, math

[tmt514's solution](#)

1057.

260B

[Ancient Prophecy](#) · [Tutorial](#)

Quality: 4,090 global accepts · Rating: 1600 · first AC: 2013-01-06 · GNU C++ (first AC) · Tags: brute force, implementation, strings

[tmt514's solution](#)

1058.

253C

[Text Editor](#) · [Tutorial](#)

Quality: 2,907 global accepts · Rating: 1600 · first AC: 2012-12-08 · GNU C++ (first AC) · Tags: data structures, dfs and similar, graphs, greedy, shortest paths

[tmt514's solution](#)

1059.

234G

[Practice](#) · [Tutorial](#)

Quality: 1,582 global accepts · Rating: 1600 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: constructive algorithms, divide and conquer, implementation

[tmt514's solution](#)

1060.

246C

[Beauty Pageant](#) · [Tutorial](#)

Quality: 2,830 global accepts · Rating: 1600 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, greedy

[tmt514's solution](#)

1061.

246D

[Colorful Graph](#) · [Tutorial](#)

Quality: 10,290 global accepts · Rating: 1600 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: brute force, dfs and similar, graphs

[tmt514's solution](#)

1062.

244B

[Undoubtedly Lucky Numbers](#) · [Tutorial](#)

Quality: 4,931 global accepts · Rating: 1600 · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: bitmasks, brute force, dfs and similar

[tmt514's solution](#)

1063.

243A

[The Brand New Function](#) · [Tutorial](#)

Quality: 4,466 global accepts · Rating: 1600 · first AC: 2012-11-16 · GNU C++ (first AC) · Tags: bitmasks

[tmt514's solution](#)

1064.

234D

[Cinema](#) · [Tutorial](#)

Quality: 1,603 global accepts · Rating: 1600 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1065.

234E

[Champions' League](#) · [Tutorial](#)

Quality: 1,050 global accepts · Rating: 1600 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1066.

232A

[Cycles](#) · [Tutorial](#)

Quality: 2,842 global accepts · Rating: 1600 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: binary search, constructive algorithms, graphs, greedy

[tmt514's solution](#)

1067.

235A

[LCM Challenge](#) · [Tutorial](#)

Quality: 20,983 global accepts · Rating: 1600 · first AC: 2012-11-02 · GNU C++ (first AC) · Tags: number theory

[tmt514's solution](#)

1068.

231C

[To Add or Not to Add](#) · [Tutorial](#)

Quality: 9,699 global accepts · Rating: 1600 · first AC: 2012-11-02 · GNU C++ (first AC) · Tags: binary search, sortings, two pointers

[tmt514's solution](#)

1069.

237C

[Primes on Interval](#) · [Tutorial](#)

Quality: 6,648 global accepts · Rating: 1600 · first AC: 2012-11-02 · GNU C++ (first AC) · Tags: binary search, number theory, two pointers

[tmt514's solution](#)

1070.

231D

[Magic Box](#) · [Tutorial](#)

Quality: 4,333 global accepts · Rating: 1600 · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: brute force, geometry

[tmt514's solution](#)

1071.

225B

[Well-known Numbers](#) · [Tutorial](#)

Quality: 3,394 global accepts · Rating: 1600 · first AC: 2012-09-22 · GNU C++ (first AC) · Tags: binary search, greedy, number theory

[tmt514's solution](#)

1072.

219C

[Color Stripe](#) · [Tutorial](#)

Quality: 7,158 global accepts · Rating: 1600 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: brute force, dp, greedy

[tmt514's solution](#)

1073.

214B

[Hometask](#) · [Tutorial](#)

Quality: 5,352 global accepts · Rating: 1600 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, greedy, math

[tmt514's solution](#)

1074.

197A

[Plate Game](#) · [Tutorial](#)

Quality: 6,845 global accepts · Rating: 1600 · first AC: 2012-07-19 · GNU C++ (first AC) · Tags: constructive algorithms, games, math

[tmt514's solution](#)

1075.

209A

[Multicolored Marbles](#) · [Tutorial](#)

Quality: 2,848 global accepts · Rating: 1600 · first AC: 2012-07-14 · GNU C++ (first AC) · Tags: dp, math

[tmt514's solution](#)

1076.

188G

[Array Sorting](#) · [Tutorial](#)

Quality: 346 global accepts · Rating: 1600 · first AC: 2012-05-25 · Roco (first AC) · Tags: *special, implementation

[tmt514's solution](#)

1077.

64C

[Table](#) · [Tutorial](#)

Quality: 356 global accepts · Rating: 1600 · first AC: 2012-05-21 · Tcl (first AC) · Tags: *special, greedy, implementation, math
[tmt514's solution](#)

1078.

178C1

[Smart Beaver and Resolving Collisions](#) · [Tutorial](#)

Quality: 586 global accepts · Rating: 1600 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1079.

178B2

[Greedy Merchants](#) · [Tutorial](#)

Quality: 770 global accepts · Rating: 1600 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1080.

178B1

[Greedy Merchants](#) · [Tutorial](#)

Quality: 865 global accepts · Rating: 1600 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1081.

175C

[Geometry Horse](#) · [Tutorial](#)

Quality: 1,521 global accepts · Rating: 1600 · first AC: 2012-04-14 · GNU C++ (first AC) · Tags: greedy, implementation, sortings, two pointers
[tmt514's solution](#)

1082.

171G

[Mysterious numbers - 2](#) · [Tutorial](#)

Quality: 1,066 global accepts · Rating: 1600 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special
[tmt514's solution](#)

1083.

171F

[ucyhf](#) · [Tutorial](#)

Quality: 1,485 global accepts · Rating: 1600 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special, brute force, implementation, number theory
[tmt514's solution](#)

1084.

167A

[Wizards and Trolleybuses](#) · [Tutorial](#)

Quality: 2,186 global accepts · Rating: 1600 · first AC: 2012-03-27 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

1085.

165C

[Another Problem on Strings](#) · [Tutorial](#)

Quality: 13,823 global accepts · Rating: 1600 · first AC: 2012-03-17 · GNU C++ (first AC) · Tags: binary search, brute force, dp, math, strings, two pointers
[tmt514's solution](#)

1086.

130E

[Tribonacci numbers](#) · [Tutorial](#)

Quality: 323 global accepts · Rating: 1600 · first AC: 2012-03-06 · Befunge (first AC) · Tags: *special
[tmt514's solution](#)

1087.

156B

[Suspects](#) · [Tutorial](#)

Quality: 2,449 global accepts · Rating: 1600 · first AC: 2012-03-05 · GNU C++ (first AC) · Tags: constructive algorithms, data structures,

implementation

[tmt514's solution](#)

1088.

52B

[Right Triangles](#) · [Tutorial](#)

Quality: 2,406 global accepts · Rating: 1600 · first AC: 2012-02-26 · GNU C++ (first AC) · Tags: combinatorics

[tmt514's solution](#)

1089.

125C

[Hobbits' Party](#) · [Tutorial](#)

Quality: 1,088 global accepts · Rating: 1600 · first AC: 2012-02-26 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[tmt514's solution](#)

1090.

154B

[Colliders](#) · [Tutorial](#)

Quality: 6,125 global accepts · Rating: 1600 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: math, number theory

[tmt514's solution](#)

1091.

154A

[Hometask](#) · [Tutorial](#)

Quality: 4,327 global accepts · Rating: 1600 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1092.

138A

[Literature Lesson](#) · [Tutorial](#)

Quality: 2,590 global accepts · Rating: 1600 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1093.

150B

[Quantity of Strings](#) · [Tutorial](#)

Quality: 5,316 global accepts · Rating: 1600 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: combinatorics, dfs and similar, graphs, math

[tmt514's solution](#)

1094.

149B

[Martian Clock](#) · [Tutorial](#)

Quality: 2,390 global accepts · Rating: 1600 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1095.

142A

[Help Farmer](#) · [Tutorial](#)

Quality: 2,844 global accepts · Rating: 1600 · first AC: 2012-01-12 · GNU C++ (first AC) · Tags: brute force, math

[tmt514's solution](#)

1096.

95A

[Hockey](#) · [Tutorial](#)

Quality: 1,856 global accepts · Rating: 1600 · first AC: 2011-12-25 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

1097.

139B

[Wallpaper](#) · [Tutorial](#)

Quality: 1,460 global accepts · Rating: 1600 · first AC: 2011-12-25 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

1098.

135B

[Rectangle and Square](#) · [Tutorial](#)

Quality: 2,653 global accepts · Rating: 1600 · first AC: 2011-12-20 · GNU C++ (first AC) · Tags: brute force, geometry, math

[tmt514's solution](#)

1099.

131D

[Subway](#) · [Tutorial](#)

Quality: 5,265 global accepts · Rating: 1600 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: dfs and similar, graphs

[tmt514's solution](#)

1100.

107B

[Basketball Team](#) · [Tutorial](#)

Quality: 4,273 global accepts · Rating: 1600 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: combinatorics, dp, math, probabilities

[tmt514's solution](#)

1101.

113A

[Grammar Lessons](#) · [Tutorial](#)

Quality: 2,603 global accepts · Rating: 1600 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

1102.

59C

[Title](#) · [Tutorial](#)

Quality: 2,455 global accepts · Rating: 1600 · first AC: 2011-11-20 · GNU C++ (first AC) · Tags: expression parsing

[tmt514's solution](#)

1103.

40B

[Repaintings](#) · [Tutorial](#)

Quality: 1,397 global accepts · Rating: 1600 · first AC: 2011-11-09 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

1104.

55B

[Smallest number](#) · [Tutorial](#)

Quality: 3,447 global accepts · Rating: 1600 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

1105.

57B

[Martian Architecture](#) · [Tutorial](#)

Quality: 1,167 global accepts · Rating: 1600 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1106.

75C

[Modified GCD](#) · [Tutorial](#)

Quality: 15,649 global accepts · Rating: 1600 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: binary search, number theory

[tmt514's solution](#)

1107.

46C

[Hamsters and Tigers](#) · [Tutorial](#)

Quality: 2,877 global accepts · Rating: 1600 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: two pointers

[tmt514's solution](#)

1108.

73A

[The Elder Trolls IV: Oblivon](#) · [Tutorial](#)

Quality: 1,640 global accepts · Rating: 1600 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: greedy, math

[tmt514's solution](#)

1109.

71C

[Round Table Knights](#) · [Tutorial](#)

Quality: 7,329 global accepts · Rating: 1600 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: dp, math, number theory

[tmt514's solution](#)

1110.

34D

[Road Map](#) · [Tutorial](#)

Quality: 6,490 global accepts · Rating: 1600 · first AC: 2011-10-06 · GNU C++ (first AC) · Tags: dfs and similar, graphs

[tmt514's solution](#)

1111.

70B

[Text Messaging](#) · [Tutorial](#)

Quality: 2,102 global accepts · Rating: 1600 · first AC: 2011-10-03 · GNU C++ (first AC) · Tags: expression parsing, greedy, strings

[tmt514's solution](#)

1112.

32D

[Constellation](#) · [Tutorial](#)

Quality: 1,491 global accepts · Rating: 1600 · first AC: 2011-08-31 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1113.

28B

[pSort](#) · [Tutorial](#)

Quality: 5,519 global accepts · Rating: 1600 · first AC: 2011-08-22 · GNU C++ (first AC) · Tags: dfs and similar, dsu, graphs

[tmt514's solution](#)

1114.

28A

[Bender Problem](#) · [Tutorial](#)

Quality: 970 global accepts · Rating: 1600 · first AC: 2011-08-22 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1115.

23B

[Party](#) · [Tutorial](#)

Quality: 3,861 global accepts · Rating: 1600 · first AC: 2011-08-06 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, math

[tmt514's solution](#)

1116.

11B

[Jumping Jack](#) · [Tutorial](#)

Quality: 5,708 global accepts · Rating: 1600 · first AC: 2011-07-18 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

1117.

86A

[Reflection](#) · [Tutorial](#)

Quality: 1,660 global accepts · Rating: 1600 · first AC: 2011-05-22 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

1118.

7B

[Memory Manager](#) · [Tutorial](#)

Quality: 2,957 global accepts · Rating: 1600 · first AC: 2011-05-12 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1119.

68B

[Energy exchange](#) · [Tutorial](#)

Quality: 5,579 global accepts · Rating: 1600 · first AC: 2011-03-19 · GNU C++ (first AC) · Tags: binary search

[tmt514's solution](#)

1120.

1B

[Spreadsheet](#) · [Tutorial](#)

Quality: 26,316 global accepts · Rating: 1600 · first AC: 2011-03-07 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

1121.

36B

[Fractal](#) · [Tutorial](#)

Quality: 2,035 global accepts · Rating: 1600 · first AC: 2010-10-19 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1122.

622C

[Not Equal on a Segment](#) · [Tutorial](#)

Quality: 7,524 global accepts · Rating: 1700 · first AC: 2021-11-21 · C++17 (GCC 7-32) (first AC) · Tags: data structures, implementation

[tmt514's solution](#)

1123.

498A

[Crazy Town](#) · [Tutorial](#)

Quality: 6,876 global accepts · Rating: 1700 · first AC: 2021-01-29 · C++17 (GCC 7-32) (first AC) · Tags: geometry

[tmt514's solution](#)

1124.

632C

[The Smallest String Concatenation](#) · [Tutorial](#)

Quality: 10,432 global accepts · Rating: 1700 · first AC: 2020-09-27 · C++14 (GCC 6-32) (first AC) · Tags: sortings, strings

[tmt514's solution](#)

1125.

1237C1

[Balanced Removals \(Easier\)](#) · [Tutorial](#)

Quality: 6,302 global accepts · Rating: 1700 · first AC: 2019-10-16 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, geometry, greedy

[tmt514's solution](#)

1126.

1209D

[Cow and Snacks](#) · [Tutorial](#)

Quality: 10,728 global accepts · Rating: 1700 · first AC: 2019-09-14 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, dsu, graphs

[tmt514's solution](#)

1127.

1043D

[Mysterious Crime](#) · [Tutorial](#)

Quality: 4,762 global accepts · Rating: 1700 · first AC: 2018-10-28 · C++14 (GCC 6-32) (first AC) · Tags: brute force, combinatorics, math, meet-in-the-middle, two pointers

[tmt514's solution](#)

1128.

827A

[String Reconstruction](#) · [Tutorial](#)

Quality: 4,332 global accepts · Rating: 1700 · first AC: 2017-07-11 · C++14 (GCC 6-32) (first AC) · Tags: data structures, greedy, sortings, strings

[tmt514's solution](#)

1129.

474D

[Flowers](#) · [Tutorial](#)

Quality: 30,623 global accepts · Rating: 1700 · first AC: 2017-06-30 · C++14 (GCC 6-32) (first AC) · Tags: dp

[tmt514's solution](#)

1130.

806A

[Success Rate](#) · [Tutorial](#)

Rating: 1700 · first AC: 2017-05-07 · C++14 (GCC 6-32) (first AC) · Tags: binary search, math

[tmt514's solution](#)

1131.

756A

[Pavel and barbecue](#) · [Tutorial](#)

Quality: 3,217 global accepts · Rating: 1700 · first AC: 2017-01-22 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, dfs and similar
[tmt514's solution](#)

1132.

467C

[George and Job](#) · [Tutorial](#)

Quality: 16,582 global accepts · Rating: 1700 · first AC: 2016-08-28 · GNU C++11 (first AC) · Tags: dp, implementation
[tmt514's solution](#)

1133.

559B

[Equivalent Strings](#) · [Tutorial](#)

Quality: 11,674 global accepts · Rating: 1700 · first AC: 2016-08-09 · GNU C++ (first AC) · Tags: divide and conquer, hashing, sortings, strings
[tmt514's solution](#)

1134.

360A

[Levko and Array Recovery](#) · [Tutorial](#)

Quality: 2,140 global accepts · Rating: 1700 · first AC: 2016-07-07 · GNU C++11 (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

1135.

670E

[Correct Bracket Sequence Editor](#) · [Tutorial](#)

Quality: 3,464 global accepts · Rating: 1700 · first AC: 2016-06-19 · GNU C++11 (first AC) · Tags: data structures, dsu, strings
[tmt514's solution](#)

1136.

546D

[Soldier and Number Game](#) · [Tutorial](#)

Quality: 13,770 global accepts · Rating: 1700 · first AC: 2016-06-14 · GNU C++11 (first AC) · Tags: constructive algorithms, dp, math, number theory
[tmt514's solution](#)

1137.

493D

[Vasya and Chess](#) · [Tutorial](#)

Quality: 10,202 global accepts · Rating: 1700 · first AC: 2016-06-05 · GNU C++11 (first AC) · Tags: constructive algorithms, games, math
[tmt514's solution](#)

1138.

126B

[Password](#) · [Tutorial](#)

Quality: 24,769 global accepts · Rating: 1700 · first AC: 2011-12-25 · last AC: 2015-11-22 · GNU C++ (first AC) · Tags: binary search, dp, hashing, string suffix structures, strings
[tmt514's solution](#)

1139.

466C

[Number of Ways](#) · [Tutorial](#)

Quality: 41,890 global accepts · Rating: 1700 · first AC: 2015-10-11 · GNU C++11 (first AC) · Tags: binary search, brute force, data structures, dp, two pointers
[tmt514's solution](#)

1140.

575D

[Tablecity](#) · [Tutorial](#)

Quality: 1,984 global accepts · Rating: 1700 · first AC: 2015-09-06 · GNU C++11 (first AC) · Tags: constructive algorithms, implementation
[tmt514's solution](#)

1141.

427C

[Checkposts](#) · [Tutorial](#)

Quality: 16,903 global accepts · Rating: 1700 · first AC: 2014-07-24 · GNU C++ (first AC) · Tags: dfs and similar, graphs, two pointers
[tmt514's solution](#)

1142.

409D

[Big Data](#) · [Tutorial](#)

Quality: 1,803 global accepts · Rating: 1700 · first AC: 2014-04-01 · GNU C++ (first AC) · Tags: *special
[tmt514's solution](#)

1143.

409C

[Magnum Opus](#) · [Tutorial](#)

Quality: 2,139 global accepts · Rating: 1700 · first AC: 2014-04-01 · GNU C++ (first AC) · Tags: *special
[tmt514's solution](#)

1144.

409A

[The Great Game](#) · [Tutorial](#)

Quality: 2,626 global accepts · Rating: 1700 · first AC: 2014-04-01 · GNU C++ (first AC) · Tags: *special
[tmt514's solution](#)

1145.

406B

[Toy Sum](#) · [Tutorial](#)

Rating: 1700 · first AC: 2014-03-22 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[tmt514's solution](#)

1146.

387C

[George and Number](#) · [Tutorial](#)

Quality: 2,286 global accepts · Rating: 1700 · first AC: 2014-03-22 · GNU C++ (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

1147.

385C

[Bear and Prime Numbers](#) · [Tutorial](#)

Quality: 10,586 global accepts · Rating: 1700 · first AC: 2014-03-21 · GNU C++ (first AC) · Tags: binary search, brute force, data structures, dp, implementation, math, number theory
[tmt514's solution](#)

1148.

382C

[Arithmetic Progression](#) · [Tutorial](#)

Quality: 8,733 global accepts · Rating: 1700 · first AC: 2014-03-21 · GNU C++ (first AC) · Tags: implementation, sortings
[tmt514's solution](#)

1149.

331B1

[Shave Beaver!](#) · [Tutorial](#)

Quality: 808 global accepts · Rating: 1700 · first AC: 2013-12-03 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

1150.

349B

[Color the Fence](#) · [Tutorial](#)

Quality: 15,119 global accepts · Rating: 1700 · first AC: 2013-10-10 · GNU C++ (first AC) · Tags: data structures, dp, greedy, implementation
[tmt514's solution](#)

1151.

339C

[Xenia and Weights](#) · [Tutorial](#)

Quality: 8,761 global accepts · Rating: 1700 · first AC: 2013-10-10 · GNU C++ (first AC) · Tags: constructive algorithms, dfs and similar, dp, graphs, greedy, shortest paths
[tmt514's solution](#)

1152.

339D

[Xenia and Bit Operations](#) · [Tutorial](#)

Quality: 32,550 global accepts · Rating: 1700 · first AC: 2013-09-16 · GNU C++ (first AC) · Tags: data structures, trees
[tmt514's solution](#)

1153.

327C

[Magic Five](#) · [Tutorial](#)

Quality: 3,668 global accepts · Rating: 1700 · first AC: 2013-08-10 · GNU C++ (first AC) · Tags: combinatorics, math
[tmt514's solution](#)

1154.

321A

[Ciel and Robot](#) · [Tutorial](#)

Quality: 3,901 global accepts · Rating: 1700 · first AC: 2013-06-29 · GNU C++ (first AC) · Tags: binary search, implementation, math
[tmt514's solution](#)

1155.

305B

[Continued Fractions](#) · [Tutorial](#)

Quality: 2,289 global accepts · Rating: 1700 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: brute force, implementation, math
[tmt514's solution](#)

1156.

303B

[Rectangle Puzzle II](#) · [Tutorial](#)

Quality: 1,424 global accepts · Rating: 1700 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

1157.

290C

[WTF?](#) · [Tutorial](#)

Quality: 1,673 global accepts · Rating: 1700 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: *special, graph matchings, implementation, trees
[tmt514's solution](#)

1158.

288C

[Polo the Penguin and XOR operation](#) · [Tutorial](#)

Quality: 2,457 global accepts · Rating: 1700 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

1159.

295B

[Greg and Graph](#) · [Tutorial](#)

Quality: 17,660 global accepts · Rating: 1700 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: dp, graphs, shortest paths
[tmt514's solution](#)

1160.

297A

[Parity Game](#) · [Tutorial](#)

Quality: 3,860 global accepts · Rating: 1700 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: constructive algorithms
[tmt514's solution](#)

1161.

294B

[Shaass and Bookshelf](#) · [Tutorial](#)

Quality: 5,037 global accepts · Rating: 1700 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: dp, greedy
[tmt514's solution](#)

1162.

287B

[Pipeline](#) · [Tutorial](#)

Quality: 11,538 global accepts · Rating: 1700 · first AC: 2013-05-11 · GNU C++ (first AC) · Tags: binary search, math
[tmt514's solution](#)

1163.

177E1

[Space Voyage](#) · [Tutorial](#)

Quality: 712 global accepts · Rating: 1700 · first AC: 2013-03-28 · GNU C++ (first AC) · Tags: binary search

[tmt514's solution](#)

1164.

279C

[Ladder](#) · [Tutorial](#)

Quality: 8,924 global accepts · Rating: 1700 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: dp, implementation, two pointers

[tmt514's solution](#)

1165.

283B

[Cow Program](#) · [Tutorial](#)

Quality: 3,932 global accepts · Rating: 1700 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: dfs and similar, dp, graphs

[tmt514's solution](#)

1166.

275B

[Convex Shape](#) · [Tutorial](#)

Quality: 3,049 global accepts · Rating: 1700 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[tmt514's solution](#)

1167.

281B

[Nearest Fraction](#) · [Tutorial](#)

Quality: 3,413 global accepts · Rating: 1700 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: brute force, implementation, two pointers

[tmt514's solution](#)

1168.

276D

[Little Girl and Maximum XOR](#) · [Tutorial](#)

Quality: 16,370 global accepts · Rating: 1700 · first AC: 2013-03-18 · GNU C++ (first AC) · Tags: bitmasks, dp, greedy, implementation, math

[tmt514's solution](#)

1169.

269B

[Greenhouse Effect](#) · [Tutorial](#)

Quality: 6,991 global accepts · Rating: 1700 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1170.

260C

[Balls and Boxes](#) · [Tutorial](#)

Quality: 3,229 global accepts · Rating: 1700 · first AC: 2013-02-12 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, implementation

[tmt514's solution](#)

1171.

245C

[Game with Coins](#) · [Tutorial](#)

Quality: 1,687 global accepts · Rating: 1700 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1172.

229B

[Planets](#) · [Tutorial](#)

Quality: 5,785 global accepts · Rating: 1700 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: binary search, data structures, graphs, shortest paths

[tmt514's solution](#)

1173.

223A

[Bracket Sequence](#) · [Tutorial](#)

Quality: 2,807 global accepts · Rating: 1700 · first AC: 2012-09-22 · GNU C++ (first AC) · Tags: data structures, expression parsing, implementation

[tmt514's solution](#)

1174.

225C

[Barcode](#) · [Tutorial](#)

Quality: 10,166 global accepts · Rating: 1700 · first AC: 2012-09-22 · GNU C++ (first AC) · Tags: dp, matrices

[tmt514's solution](#)

1175.

213A

[Game](#) · [Tutorial](#)

Quality: 1,889 global accepts · Rating: 1700 · first AC: 2012-09-16 · GNU C++ (first AC) · Tags: dfs and similar, greedy

[tmt514's solution](#)

1176.

202B

[Brand New Easy Problem](#) · [Tutorial](#)

Quality: 857 global accepts · Rating: 1700 · first AC: 2012-09-16 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

1177.

216D

[Spider's Web](#) · [Tutorial](#)

Quality: 1,500 global accepts · Rating: 1700 · first AC: 2012-09-08 · GNU C++ (first AC) · Tags: binary search, sortings, two pointers

[tmt514's solution](#)

1178.

219D

[Choosing Capital for Treeland](#) · [Tutorial](#)

Quality: 12,488 global accepts · Rating: 1700 · first AC: 2012-09-03 · GNU C++ (first AC) · Tags: dfs and similar, dp, graphs, trees

[tmt514's solution](#)

1179.

216B

[Forming Teams](#) · [Tutorial](#)

Quality: 7,029 global accepts · Rating: 1700 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: dfs and similar, implementation

[tmt514's solution](#)

1180.

198A

[About Bacteria](#) · [Tutorial](#)

Quality: 3,329 global accepts · Rating: 1700 · first AC: 2012-07-25 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

1181.

201A

[Clear Symmetry](#) · [Tutorial](#)

Quality: 3,246 global accepts · Rating: 1700 · first AC: 2012-07-19 · GNU C++ (first AC) · Tags: constructive algorithms, dp, math

[tmt514's solution](#)

1182.

203D

[Hit Ball](#) · [Tutorial](#)

Quality: 1,513 global accepts · Rating: 1700 · first AC: 2012-07-19 · GNU C++ (first AC) · Tags: geometry, implementation, math

[tmt514's solution](#)

1183.

193A

[Cutting Figure](#) · [Tutorial](#)

Quality: 4,681 global accepts · Rating: 1700 · first AC: 2012-06-03 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, trees

[tmt514's solution](#)

1184.

191B

[Demonstration](#) · [Tutorial](#)

Quality: 1,101 global accepts · Rating: 1700 · first AC: 2012-05-27 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1185.

183A

[Headquarters](#) · [Tutorial](#)

Quality: 666 global accepts · Rating: 1700 · first AC: 2012-04-27 · GNU C++ (first AC) · Tags: constructive algorithms, math
[tmt514's solution](#)

1186.

183B

[Zoo](#) · [Tutorial](#)

Quality: 847 global accepts · Rating: 1700 · first AC: 2012-04-27 · GNU C++ (first AC) · Tags: brute force, geometry
[tmt514's solution](#)

1187.

176B

[Word Cut](#) · [Tutorial](#)

Quality: 2,389 global accepts · Rating: 1700 · first AC: 2012-04-20 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1188.

164A

[Variable, or There and Back Again](#) · [Tutorial](#)

Quality: 1,197 global accepts · Rating: 1700 · first AC: 2012-04-08 · GNU C++ (first AC) · Tags: dfs and similar, graphs
[tmt514's solution](#)

1189.

171H

[A polyline](#) · [Tutorial](#)

Quality: 335 global accepts · Rating: 1700 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special, implementation
[tmt514's solution](#)

1190.

168B

[Wizards and Minimal Spell](#) · [Tutorial](#)

Quality: 1,306 global accepts · Rating: 1700 · first AC: 2012-03-31 · GNU C++ (first AC) · Tags: implementation, strings
[tmt514's solution](#)

1191.

163A

[Substring and Subsequence](#) · [Tutorial](#)

Quality: 2,995 global accepts · Rating: 1700 · first AC: 2012-03-25 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1192.

161B

[Discounts](#) · [Tutorial](#)

Quality: 2,090 global accepts · Rating: 1700 · first AC: 2012-03-11 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, sortings
[tmt514's solution](#)

1193.

159E

[Zebra Tower](#) · [Tutorial](#)

Quality: 1,098 global accepts · Rating: 1700 · first AC: 2012-03-10 · GNU C++ (first AC) · Tags: *special, data structures, greedy, sortings
[tmt514's solution](#)

1194.

160C

[Find Pair](#) · [Tutorial](#)

Quality: 3,719 global accepts · Rating: 1700 · first AC: 2012-03-09 · GNU C++ (first AC) · Tags: implementation, math, sortings
[tmt514's solution](#)

1195.

156A

[Message](#) · [Tutorial](#)

Quality: 3,271 global accepts · Rating: 1700 · first AC: 2012-03-05 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

1196.

53B

[Blog Photo](#) · [Tutorial](#)

Quality: 1,572 global accepts · Rating: 1700 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: binary search, implementation

[tmt514's solution](#)

1197.

56C

[Corporation Mail](#) · [Tutorial](#)

Quality: 1,305 global accepts · Rating: 1700 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: data structures, expression parsing, implementation

[tmt514's solution](#)

1198.

76D

[Plus and xor](#) · [Tutorial](#)

Quality: 2,403 global accepts · Rating: 1700 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: dp, greedy, math

[tmt514's solution](#)

1199.

101B

[Buses](#) · [Tutorial](#)

Quality: 3,194 global accepts · Rating: 1700 · first AC: 2012-02-27 · GNU C++ (first AC) · Tags: binary search, data structures, dp

[tmt514's solution](#)

1200.

76E

[Points](#) · [Tutorial](#)

Quality: 1,892 global accepts · Rating: 1700 · first AC: 2012-02-26 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

1201.

148C

[Terse princess](#) · [Tutorial](#)

Quality: 3,381 global accepts · Rating: 1700 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[tmt514's solution](#)

1202.

140A

[New Year Table](#) · [Tutorial](#)

Quality: 4,368 global accepts · Rating: 1700 · first AC: 2012-01-04 · GNU C++ (first AC) · Tags: geometry, math

[tmt514's solution](#)

1203.

51B

[bHTML Tables Analysis](#) · [Tutorial](#)

Quality: 1,046 global accepts · Rating: 1700 · first AC: 2011-12-25 · GNU C++ (first AC) · Tags: expression parsing

[tmt514's solution](#)

1204.

106D

[Treasure Island](#) · [Tutorial](#)

Quality: 1,471 global accepts · Rating: 1700 · first AC: 2011-12-20 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

1205.

131E

[Yet Another Task with Queens](#) · [Tutorial](#)

Quality: 2,090 global accepts · Rating: 1700 · first AC: 2011-12-20 · GNU C++ (first AC) · Tags: sortings

[tmt514's solution](#)

1206.

49C

[Disposition](#) · [Tutorial](#)

Quality: 1,867 global accepts · Rating: 1700 · first AC: 2011-12-14 · GNU C++ (first AC) · Tags: constructive algorithms, math

[tmt514's solution](#)

1207.

44H

[Phone Number](#) · [Tutorial](#)

Quality: 2,003 global accepts · Rating: 1700 · first AC: 2011-11-28 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1208.

35B

[Warehouse](#) · [Tutorial](#)

Quality: 1,195 global accepts · Rating: 1700 · first AC: 2011-11-24 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1209.

84C

[Biathlon](#) · [Tutorial](#)

Quality: 1,856 global accepts · Rating: 1700 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: binary search, implementation

[tmt514's solution](#)

1210.

63C

[Bulls and Cows](#) · [Tutorial](#)

Quality: 2,002 global accepts · Rating: 1700 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

1211.

42B

[Game of chess unfinished](#) · [Tutorial](#)

Quality: 1,154 global accepts · Rating: 1700 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1212.

118D

[Caesar's Legions](#) · [Tutorial](#)

Quality: 20,478 global accepts · Rating: 1700 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1213.

106C

[Buns](#) · [Tutorial](#)

Quality: 7,060 global accepts · Rating: 1700 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1214.

65B

[Harry Potter and the History of Magic](#) · [Tutorial](#)

Quality: 1,551 global accepts · Rating: 1700 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: brute force, greedy, implementation

[tmt514's solution](#)

1215.

35D

[Animals](#) · [Tutorial](#)

Quality: 3,860 global accepts · Rating: 1700 · first AC: 2011-10-08 · GNU C++ (first AC) · Tags: dp, greedy

[tmt514's solution](#)

1216.

105A

[Transmigration](#) · [Tutorial](#)

Quality: 2,022 global accepts · Rating: 1700 · first AC: 2011-09-22 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1217.

32C

[Flea](#) · [Tutorial](#)

Quality: 2,563 global accepts · Rating: 1700 · first AC: 2011-08-31 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

1218.

31C

[Schedule](#) · [Tutorial](#)

Quality: 2,030 global accepts · Rating: 1700 · first AC: 2011-08-30 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1219.

30B

[Codeforces World Finals](#) · [Tutorial](#)

Quality: 1,387 global accepts · Rating: 1700 · first AC: 2011-08-30 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1220.

29C

[Mail Stamps](#) · [Tutorial](#)

Quality: 6,479 global accepts · Rating: 1700 · first AC: 2011-08-29 · GNU C++ (first AC) · Tags: data structures, dfs and similar, graphs, implementation

[tmt514's solution](#)

1221.

22C

[System Administrator](#) · [Tutorial](#)

Quality: 3,809 global accepts · Rating: 1700 · first AC: 2011-08-06 · GNU C++ (first AC) · Tags: graphs

[tmt514's solution](#)

1222.

20A

[BerOS file system](#) · [Tutorial](#)

Quality: 7,128 global accepts · Rating: 1700 · first AC: 2011-08-05 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1223.

18B

[Platforms](#) · [Tutorial](#)

Quality: 2,428 global accepts · Rating: 1700 · first AC: 2011-08-04 · GNU C++ (first AC) · Tags: brute force, math

[tmt514's solution](#)

1224.

14C

[Four Segments](#) · [Tutorial](#)

Quality: 3,858 global accepts · Rating: 1700 · first AC: 2011-07-31 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, geometry, implementation, math

[tmt514's solution](#)

1225.

98A

[Help Victoria the Wise](#) · [Tutorial](#)

Quality: 1,348 global accepts · Rating: 1700 · first AC: 2011-07-22 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

1226.

93A

[Frames](#) · [Tutorial](#)

Quality: 2,072 global accepts · Rating: 1700 · first AC: 2011-06-30 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1227.

82B

[Sets](#) · [Tutorial](#)

Quality: 2,336 global accepts · Rating: 1700 · first AC: 2011-05-06 · GNU C++ (first AC) · Tags: constructive algorithms, hashing, implementation

[tmt514's solution](#)

1228.

4D

[Mysterious Present](#) · [Tutorial](#)

Quality: 12,113 global accepts · Rating: 1700 · first AC: 2011-05-04 · GNU C++ (first AC) · Tags: dp, sortings

[tmt514's solution](#)

1229.

81C

[Average Score](#) · [Tutorial](#)

Quality: 1,852 global accepts · Rating: 1700 · first AC: 2011-05-04 · GNU C++ (first AC) · Tags: greedy, math, sortings

[tmt514's solution](#)

1230.

81B

[Sequence Formatting](#) · [Tutorial](#)

Quality: 2,141 global accepts · Rating: 1700 · first AC: 2011-05-04 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

1231.

66D

[Petya and His Friends](#) · [Tutorial](#)

Quality: 3,612 global accepts · Rating: 1700 · first AC: 2011-03-07 · GNU C++ (first AC) · Tags: constructive algorithms, math, number theory

[tmt514's solution](#)

1232.

1780D

[Bit Guessing Game](#) · [Tutorial](#)

Quality: 5,833 global accepts · Rating: 1800 · first AC: 2023-01-29 · C++17 (GCC 7-32) (first AC) · Tags: binary search, bitmasks, constructive algorithms, interactive

[tmt514's solution](#)

1233.

1299B

[Aerodynamic](#) · [Tutorial](#)

Quality: 5,611 global accepts · Rating: 1800 · first AC: 2021-12-05 · C++17 (GCC 9-64) (first AC) · Tags: geometry

[tmt514's solution](#)

1234.

1283D

[Christmas Trees](#) · [Tutorial](#)

Quality: 9,443 global accepts · Rating: 1800 · first AC: 2020-01-03 · C++14 (GCC 6-32) (first AC) · Tags: graphs, greedy, shortest paths

[tmt514's solution](#)

1235.

952D

[I'm Feeling Lucky!](#) · [Tutorial](#)

Quality: 2,566 global accepts · Rating: 1800 · first AC: 2018-04-01 · C++14 (GCC 6-32) (first AC) · Tags: *special, probabilities

[tmt514's solution](#)

1236.

914C

[Travelling Salesman and Special Numbers](#) · [Tutorial](#)

Quality: 4,209 global accepts · Rating: 1800 · first AC: 2018-01-20 · C++14 (GCC 6-32) (first AC) · Tags: brute force, combinatorics, dp

[tmt514's solution](#)

1237.

913D

[Too Easy Problems](#) · [Tutorial](#)

Quality: 5,131 global accepts · Rating: 1800 · first AC: 2018-01-08 · C++14 (GCC 6-32) (first AC) · Tags: binary search, brute force, data structures, greedy, sortings

[tmt514's solution](#)

1238.

827B

[High Load](#) · [Tutorial](#)

Quality: 3,697 global accepts · Rating: 1800 · first AC: 2017-07-11 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy,

implementation, trees

[tmt514's solution](#)

1239.

802A2

[Heidi and Library \(medium\)](#) · [Tutorial](#)

Quality: 1,343 global accepts · Rating: 1800 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: data structures, greedy

[tmt514's solution](#)

1240.

802A1

[Heidi and Library \(easy\)](#) · [Tutorial](#)

Quality: 1,602 global accepts · Rating: 1800 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: greedy

[tmt514's solution](#)

1241.

799C

[Fountains](#) · [Tutorial](#)

Quality: 4,054 global accepts · Rating: 1800 · first AC: 2017-05-11 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, implementation

[tmt514's solution](#)

1242.

725D

[Contest Balloons](#) · [Tutorial](#)

Quality: 3,093 global accepts · Rating: 1800 · first AC: 2016-10-22 · C++14 (GCC 6-32) (first AC) · Tags: data structures, greedy

[tmt514's solution](#)

1243.

482B

[Interesting Array](#) · [Tutorial](#)

Quality: 7,729 global accepts · Rating: 1800 · first AC: 2016-09-05 · GNU C++11 (first AC) · Tags: constructive algorithms, data structures, trees

[tmt514's solution](#)

1244.

527D

[Clique Problem](#) · [Tutorial](#)

Quality: 5,084 global accepts · Rating: 1800 · first AC: 2016-08-22 · GNU C++11 (first AC) · Tags: data structures, dp, greedy, implementation, sortings

[tmt514's solution](#)

1245.

433C

[Ryouko's Memory Note](#) · [Tutorial](#)

Quality: 2,619 global accepts · Rating: 1800 · first AC: 2016-07-07 · GNU C++11 (first AC) · Tags: implementation, math, sortings

[tmt514's solution](#)

1246.

432C

[Prime Swaps](#) · [Tutorial](#)

Quality: 2,679 global accepts · Rating: 1800 · first AC: 2016-06-26 · GNU C++11 (first AC) · Tags: greedy, sortings

[tmt514's solution](#)

1247.

471D

[MUH and Cube Walls](#) · [Tutorial](#)

Quality: 10,276 global accepts · Rating: 1800 · first AC: 2015-11-15 · GNU C++11 (first AC) · Tags: string suffix structures, strings

[tmt514's solution](#)

1248.

575H

[Bots](#) · [Tutorial](#)

Quality: 1,877 global accepts · Rating: 1800 · first AC: 2015-09-06 · GNU C++11 (first AC) · Tags: combinatorics, dp, math, number theory

[tmt514's solution](#)

1249.

538D

[Weird Chess](#) · [Tutorial](#)

Quality: 2,522 global accepts · Rating: 1800 · first AC: 2015-04-26 · GNU C++11 (first AC) · Tags: brute force, constructive algorithms, implementation

[tmt514's solution](#)

1250.

513B2

[Permutations](#) · [Tutorial](#)

Quality: 2,930 global accepts · Rating: 1800 · first AC: 2015-02-07 · GNU C++ (first AC) · Tags: bitmasks, divide and conquer, math

[tmt514's solution](#)

1251.

470B

[Hexakosioihexekontahexaphobia](#) · [Tutorial](#)

Quality: 271 global accepts · Rating: 1800 · first AC: 2014-09-13 · FALSE (first AC) · Tags: *special

[tmt514's solution](#)

1252.

436C

[Dungeons and Candies](#) · [Tutorial](#)

Quality: 2,887 global accepts · Rating: 1800 · first AC: 2014-06-13 · GNU C++ (first AC) · Tags: dsu, graphs, greedy, trees

[tmt514's solution](#)

1253.

370C

[Mittens](#) · [Tutorial](#)

Quality: 1,717 global accepts · Rating: 1800 · first AC: 2014-04-05 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, sortings

[tmt514's solution](#)

1254.

363D

[Renting Bikes](#) · [Tutorial](#)

Quality: 4,331 global accepts · Rating: 1800 · first AC: 2014-04-04 · GNU C++ (first AC) · Tags: binary search, greedy

[tmt514's solution](#)

1255.

358D

[Dima and Hares](#) · [Tutorial](#)

Quality: 4,505 global accepts · Rating: 1800 · first AC: 2014-04-03 · GNU C++ (first AC) · Tags: dp, greedy

[tmt514's solution](#)

1256.

371D

[Vessels](#) · [Tutorial](#)

Quality: 6,476 global accepts · Rating: 1800 · first AC: 2014-04-03 · GNU C++ (first AC) · Tags: data structures, dsu, implementation, trees

[tmt514's solution](#)

1257.

409E

[Dome](#) · [Tutorial](#)

Quality: 618 global accepts · Rating: 1800 · first AC: 2014-04-01 · GNU C++ (first AC) · Tags: *special

[tmt514's solution](#)

1258.

328A

[IQ Test](#) · [Tutorial](#)

Quality: 2,393 global accepts · Rating: 1800 · first AC: 2013-12-04 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1259.

333B

[Chips](#) · [Tutorial](#)

Quality: 2,762 global accepts · Rating: 1800 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1260.

351A

[Jeff and Rounding](#) · [Tutorial](#)

Quality: 3,097 global accepts · Rating: 1800 · first AC: 2013-10-10 · GNU C++ (first AC) · Tags: dp, greedy, implementation, math
[tmt514's solution](#)

1261.

336C

[Vasily the Bear and Sequence](#) · [Tutorial](#)

Quality: 2,657 global accepts · Rating: 1800 · first AC: 2013-10-10 · GNU C++ (first AC) · Tags: brute force, greedy, implementation, number theory
[tmt514's solution](#)

1262.

325B

[Stadium and Games](#) · [Tutorial](#)

Quality: 1,674 global accepts · Rating: 1800 · first AC: 2013-07-13 · GNU C++ (first AC) · Tags: binary search, math
[tmt514's solution](#)

1263.

301A

[Yaroslav and Sequence](#) · [Tutorial](#)

Quality: 3,256 global accepts · Rating: 1800 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: constructive algorithms
[tmt514's solution](#)

1264.

300C

[Beautiful Numbers](#) · [Tutorial](#)

Quality: 11,759 global accepts · Rating: 1800 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: brute force, combinatorics
[tmt514's solution](#)

1265.

255D

[Mr. Bender and Square](#) · [Tutorial](#)

Quality: 2,202 global accepts · Rating: 1800 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: binary search, implementation, math
[tmt514's solution](#)

1266.

280B

[Maximum Xor Secondary](#) · [Tutorial](#)

Quality: 5,251 global accepts · Rating: 1800 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: data structures, implementation, two pointers
[tmt514's solution](#)

1267.

274B

[Zero Tree](#) · [Tutorial](#)

Quality: 5,571 global accepts · Rating: 1800 · first AC: 2013-03-05 · GNU C++ (first AC) · Tags: dfs and similar, dp, greedy, trees
[tmt514's solution](#)

1268.

251B

[Playing with Permutations](#) · [Tutorial](#)

Quality: 1,380 global accepts · Rating: 1800 · first AC: 2013-02-19 · GNU C++ (first AC) · Tags: implementation, math
[tmt514's solution](#)

1269.

271D

[Good Substrings](#) · [Tutorial](#)

Quality: 14,013 global accepts · Rating: 1800 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: data structures, strings
[tmt514's solution](#)

1270.

252B

[Unsorting Array](#) · [Tutorial](#)

Quality: 1,876 global accepts · Rating: 1800 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: brute force, sortings
[tmt514's solution](#)

1271.

254C

[Anagram](#) · [Tutorial](#)

Quality: 1,603 global accepts · Rating: 1800 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: greedy, strings
[tmt514's solution](#)

1272.

263D

[Cycle in Graph](#) · [Tutorial](#)

Quality: 4,479 global accepts · Rating: 1800 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: dfs and similar, graphs
[tmt514's solution](#)

1273.

257C

[View Angle](#) · [Tutorial](#)

Quality: 4,719 global accepts · Rating: 1800 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: brute force, geometry, math
[tmt514's solution](#)

1274.

234F

[Fence](#) · [Tutorial](#)

Quality: 1,971 global accepts · Rating: 1800 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1275.

245H

[Queries for Number of Palindromes](#) · [Tutorial](#)

Quality: 9,061 global accepts · Rating: 1800 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: dp, hashing, strings
[tmt514's solution](#)

1276.

238B

[Boring Partition](#) · [Tutorial](#)

Quality: 1,420 global accepts · Rating: 1800 · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: constructive algorithms
[tmt514's solution](#)

1277.

242C

[King's Path](#) · [Tutorial](#)

Quality: 10,925 global accepts · Rating: 1800 · first AC: 2012-11-16 · GNU C++ (first AC) · Tags: dfs and similar, graphs, hashing, shortest paths
[tmt514's solution](#)

1278.

201B

[Guess That Car!](#) · [Tutorial](#)

Quality: 1,392 global accepts · Rating: 1800 · first AC: 2012-09-21 · GNU C++ (first AC) · Tags: math, ternary search
[tmt514's solution](#)

1279.

200D

[Programming Language](#) · [Tutorial](#)

Quality: 1,054 global accepts · Rating: 1800 · first AC: 2012-09-16 · GNU C++ (first AC) · Tags: binary search, brute force, expression parsing, implementation
[tmt514's solution](#)

1280.

222C

[Reducing Fractions](#) · [Tutorial](#)

Quality: 2,926 global accepts · Rating: 1800 · first AC: 2012-09-15 · GNU C++ (first AC) · Tags: implementation, math, number theory, sortings
[tmt514's solution](#)

1281.

195C

[Try and Catch](#) · [Tutorial](#)

Quality: 1,239 global accepts · Rating: 1800 · first AC: 2012-09-08 · GNU C++ (first AC) · Tags: expression parsing, implementation
[tmt514's solution](#)

1282.

220B

[Little Elephant and Array](#) · [Tutorial](#)

Quality: 12,886 global accepts · Rating: 1800 · first AC: 2012-09-08 · GNU C++ (first AC) · Tags: constructive algorithms, data structures
[tmt514's solution](#)

1283.

216C

[Hiring Staff](#) · [Tutorial](#)

Quality: 1,927 global accepts · Rating: 1800 · first AC: 2012-09-03 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

1284.

200C

[Football Championship](#) · [Tutorial](#)

Quality: 1,108 global accepts · Rating: 1800 · first AC: 2012-07-19 · GNU C++ (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

1285.

188H

[Stack](#) · [Tutorial](#)

Quality: 686 global accepts · Rating: 1800 · first AC: 2012-05-25 · Roco (first AC) · Tags: *special, expression parsing, implementation
[tmt514's solution](#)

1286.

64E

[Prime Segment](#) · [Tutorial](#)

Quality: 295 global accepts · Rating: 1800 · first AC: 2012-05-21 · Tcl (first AC) · Tags: *special, brute force, math, number theory
[tmt514's solution](#)

1287.

64D

[Presents](#) · [Tutorial](#)

Quality: 298 global accepts · Rating: 1800 · first AC: 2012-05-21 · Tcl (first AC) · Tags: *special, greedy
[tmt514's solution](#)

1288.

190B

[Surrounded](#) · [Tutorial](#)

Quality: 3,092 global accepts · Rating: 1800 · first AC: 2012-05-21 · GNU C++ (first AC) · Tags: geometry
[tmt514's solution](#)

1289.

187B

[AlgoRace](#) · [Tutorial](#)

Quality: 2,344 global accepts · Rating: 1800 · first AC: 2012-05-10 · GNU C++ (first AC) · Tags: dp, shortest paths
[tmt514's solution](#)

1290.

185B

[Mushroom Scientists](#) · [Tutorial](#)

Quality: 1,786 global accepts · Rating: 1800 · first AC: 2012-05-04 · GNU C++ (first AC) · Tags: math, ternary search
[tmt514's solution](#)

1291.

178F1

[Representative Sampling](#) · [Tutorial](#)

Quality: 459 global accepts · Rating: 1800 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1292.

178B3

[Greedy Merchants](#) · [Tutorial](#)

Quality: 1,525 global accepts · Rating: 1800 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1293.

182E

[Wooden Fence](#) · [Tutorial](#)

Quality: 1,666 global accepts · Rating: 1800 · first AC: 2012-04-25 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1294.

174C

[Range Increments](#) · [Tutorial](#)

Quality: 1,258 global accepts · Rating: 1800 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: data structures, greedy
[tmt514's solution](#)

1295.

180A

[Defragmentation](#) · [Tutorial](#)

Quality: 594 global accepts · Rating: 1800 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

1296.

180E

[Cubes](#) · [Tutorial](#)

Quality: 2,067 global accepts · Rating: 1800 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: binary search, dp, two pointers
[tmt514's solution](#)

1297.

173B

[Chamber of Secrets](#) · [Tutorial](#)

Quality: 3,990 global accepts · Rating: 1800 · first AC: 2012-04-06 · GNU C++ (first AC) · Tags: dfs and similar, shortest paths
[tmt514's solution](#)

1298.

167B

[Wizards and Huge Prize](#) · [Tutorial](#)

Quality: 2,452 global accepts · Rating: 1800 · first AC: 2012-03-27 · GNU C++ (first AC) · Tags: dp, math, probabilities
[tmt514's solution](#)

1299.

162C

[Prime factorization](#) · [Tutorial](#)

Quality: 1,385 global accepts · Rating: 1800 · first AC: 2012-03-18 · Factor (first AC) · Tags: *special
[tmt514's solution](#)

1300.

162E

[HQ9+](#) · [Tutorial](#)

Quality: 185 global accepts · Rating: 1800 · first AC: 2012-03-18 · Factor (first AC) · Tags: *special
[tmt514's solution](#)

1301.

162F

[Factorial zeros](#) · [Tutorial](#)

Quality: 229 global accepts · Rating: 1800 · first AC: 2012-03-18 · Factor (first AC) · Tags: *special
[tmt514's solution](#)

1302.

162B

[Binary notation](#) · [Tutorial](#)

Quality: 326 global accepts · Rating: 1800 · first AC: 2012-03-18 · Factor (first AC) · Tags: *special
[tmt514's solution](#)

1303.

161D

[Distance in Tree](#) · [Tutorial](#)

Quality: 19,179 global accepts · Rating: 1800 · first AC: 2012-03-11 · GNU C++ (first AC) · Tags: dfs and similar, dp, trees
[tmt514's solution](#)

1304.

120H

[Brevity is Soul of Wit](#) · [Tutorial](#)

Quality: 1,590 global accepts · Rating: 1800 · first AC: 2011-10-18 · last AC: 2012-03-02 · GNU C++ (first AC) · Tags: graph matchings
[tmt514's solution](#)

1305.

120G

[Boom](#) · [Tutorial](#)

Quality: 719 global accepts · Rating: 1800 · first AC: 2011-10-18 · last AC: 2012-03-01 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

1306.

48C

[The Race](#) · [Tutorial](#)

Quality: 856 global accepts · Rating: 1800 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: math
[tmt514's solution](#)

1307.

95B

[Lucky Numbers](#) · [Tutorial](#)

Quality: 1,399 global accepts · Rating: 1800 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: dp, greedy
[tmt514's solution](#)

1308.

51C

[Three Base Stations](#) · [Tutorial](#)

Quality: 2,912 global accepts · Rating: 1800 · first AC: 2012-02-26 · GNU C++ (first AC) · Tags: binary search, greedy
[tmt514's solution](#)

1309.

123B

[Squares](#) · [Tutorial](#)

Quality: 1,307 global accepts · Rating: 1800 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: math
[tmt514's solution](#)

1310.

61D

[Eternal Victory](#) · [Tutorial](#)

Quality: 7,639 global accepts · Rating: 1800 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: dfs and similar, graphs, greedy, shortest paths, trees
[tmt514's solution](#)

1311.

73C

[LionAge II](#) · [Tutorial](#)

Quality: 2,488 global accepts · Rating: 1800 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1312.

145B

[Lucky Number 2](#) · [Tutorial](#)

Quality: 2,422 global accepts · Rating: 1800 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: constructive algorithms
[tmt514's solution](#)

1313.

141C

[Queue](#) · [Tutorial](#)

Quality: 2,726 global accepts · Rating: 1800 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, sortings
[tmt514's solution](#)

1314.

148D

[Bag of mice](#) · [Tutorial](#)

Quality: 8,908 global accepts · Rating: 1800 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: dp, games, math, probabilities
[tmt514's solution](#)

1315.

142B

[Help General](#) · [Tutorial](#)

Quality: 2,405 global accepts · Rating: 1800 · first AC: 2012-01-12 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, implementation
[tmt514's solution](#)

1316.

140D

[New Year Contest](#) · [Tutorial](#)

Quality: 2,312 global accepts · Rating: 1800 · first AC: 2012-01-04 · GNU C++ (first AC) · Tags: greedy, sortings
[tmt514's solution](#)

1317.

140B

[New Year Cards](#) · [Tutorial](#)

Quality: 1,754 global accepts · Rating: 1800 · first AC: 2012-01-04 · GNU C++ (first AC) · Tags: brute force, greedy, implementation
[tmt514's solution](#)

1318.

140C

[New Year Snowmen](#) · [Tutorial](#)

Quality: 4,755 global accepts · Rating: 1800 · first AC: 2012-01-04 · GNU C++ (first AC) · Tags: binary search, data structures, greedy
[tmt514's solution](#)

1319.

132C

[Logo Turtle](#) · [Tutorial](#)

Quality: 2,647 global accepts · Rating: 1800 · first AC: 2011-12-25 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1320.

58C

[Trees](#) · [Tutorial](#)

Quality: 2,264 global accepts · Rating: 1800 · first AC: 2011-12-25 · GNU C++ (first AC) · Tags: brute force
[tmt514's solution](#)

1321.

45J

[Planting Trees](#) · [Tutorial](#)

Quality: 1,073 global accepts · Rating: 1800 · first AC: 2011-12-14 · GNU C++ (first AC) · Tags: constructive algorithms
[tmt514's solution](#)

1322.

49D

[Game](#) · [Tutorial](#)

Quality: 2,136 global accepts · Rating: 1800 · first AC: 2011-12-14 · GNU C++ (first AC) · Tags: brute force, dp, implementation
[tmt514's solution](#)

1323.

46D

[Parking Lot](#) · [Tutorial](#)

Quality: 1,094 global accepts · Rating: 1800 · first AC: 2011-11-30 · GNU C++ (first AC) · Tags: data structures, implementation
[tmt514's solution](#)

1324.

44D

[Hyperdrive](#) · [Tutorial](#)

Quality: 800 global accepts · Rating: 1800 · first AC: 2011-11-28 · GNU C++ (first AC) · Tags: math
[tmt514's solution](#)

1325.

69E

[Subsegments](#) · [Tutorial](#)

Quality: 5,086 global accepts · Rating: 1800 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: data structures, implementation
[tmt514's solution](#)

1326.

89A

[Robbery](#) · [Tutorial](#)

Quality: 1,613 global accepts · Rating: 1800 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1327.

77B

[Falling Anvils](#) · [Tutorial](#)

Quality: 2,867 global accepts · Rating: 1800 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: math, probabilities

[tmt514's solution](#)

1328.

105B

[Dark Assembly](#) · [Tutorial](#)

Quality: 906 global accepts · Rating: 1800 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: brute force, probabilities

[tmt514's solution](#)

1329.

38E

[Let's Go Rolling!](#) · [Tutorial](#)

Quality: 2,998 global accepts · Rating: 1800 · first AC: 2011-10-22 · GNU C++ (first AC) · Tags: dp, sortings

[tmt514's solution](#)

1330.

37B

[Computer Game](#) · [Tutorial](#)

Quality: 1,095 global accepts · Rating: 1800 · first AC: 2011-10-21 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

1331.

67A

[Partial Teacher](#) · [Tutorial](#)

Quality: 2,481 global accepts · Rating: 1800 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: dp, graphs, greedy, implementation

[tmt514's solution](#)

1332.

62B

[Tyndex.Brome](#) · [Tutorial](#)

Quality: 1,403 global accepts · Rating: 1800 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: binary search, implementation

[tmt514's solution](#)

1333.

65A

[Harry Potter and Three Spells](#) · [Tutorial](#)

Quality: 2,014 global accepts · Rating: 1800 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

1334.

117B

[Very Interesting Game](#) · [Tutorial](#)

Quality: 1,743 global accepts · Rating: 1800 · first AC: 2011-09-23 · GNU C++ (first AC) · Tags: brute force, number theory

[tmt514's solution](#)

1335.

33C

[Wonderful Randomized Sum](#) · [Tutorial](#)

Quality: 3,579 global accepts · Rating: 1800 · first AC: 2011-09-17 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1336.

33B

[String Problem](#) · [Tutorial](#)

Quality: 5,723 global accepts · Rating: 1800 · first AC: 2011-09-17 · GNU C++ (first AC) · Tags: shortest paths

[tmt514's solution](#)

1337.

30C

[Shooting Gallery](#) · [Tutorial](#)

Quality: 2,394 global accepts · Rating: 1800 · first AC: 2011-08-30 · GNU C++ (first AC) · Tags: dp, probabilities

[tmt514's solution](#)

1338.

24C

[Sequence of points](#) · [Tutorial](#)

Quality: 1,448 global accepts · Rating: 1800 · first AC: 2011-08-09 · GNU C++ (first AC) · Tags: geometry, implementation, math

[tmt514's solution](#)

1339.

16C

[Monitor](#) · [Tutorial](#)

Quality: 5,418 global accepts · Rating: 1800 · first AC: 2011-08-02 · GNU C++ (first AC) · Tags: binary search, number theory

[tmt514's solution](#)

1340.

15B

[Laser](#) · [Tutorial](#)

Quality: 1,680 global accepts · Rating: 1800 · first AC: 2011-08-01 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

1341.

87B

[Vasya and Types](#) · [Tutorial](#)

Quality: 1,265 global accepts · Rating: 1800 · first AC: 2011-06-07 · GNU C++ (first AC) · Tags: implementation, strings

[tmt514's solution](#)

1342.

54B

[Cutting Jigsaw Puzzle](#) · [Tutorial](#)

Quality: 909 global accepts · Rating: 1800 · first AC: 2011-05-27 · GNU C++ (first AC) · Tags: hashing, implementation

[tmt514's solution](#)

1343.

67B

[Restoration of the Permutation](#) · [Tutorial](#)

Quality: 944 global accepts · Rating: 1800 · first AC: 2011-05-27 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1344.

85B

[Embassy Queue](#) · [Tutorial](#)

Quality: 1,081 global accepts · Rating: 1800 · first AC: 2011-05-20 · GNU C++ (first AC) · Tags: data structures, greedy

[tmt514's solution](#)

1345.

83B

[Doctor](#) · [Tutorial](#)

Quality: 1,892 global accepts · Rating: 1800 · first AC: 2011-05-13 · GNU C++ (first AC) · Tags: binary search, math, sortings

[tmt514's solution](#)

1346.

7C

[Line](#) · [Tutorial](#)

Quality: 5,480 global accepts · Rating: 1800 · first AC: 2011-05-12 · GNU C++ (first AC) · Tags: math, number theory

[tmt514's solution](#)

1347.

79C

[Beaver](#) · [Tutorial](#)

Quality: 2,111 global accepts · Rating: 1800 · first AC: 2011-04-30 · GNU C++ (first AC) · Tags: data structures, dp, greedy, hashing, strings, two pointers

[tmt514's solution](#)

1348.

3C

[Tic-tac-toe](#) · [Tutorial](#)

Quality: 8,280 global accepts · Rating: 1800 · first AC: 2011-03-29 · GNU C++ (first AC) · Tags: brute force, games, implementation
[tmt514's solution](#)

1349.

66C

[Petya and File System](#) · [Tutorial](#)

Quality: 1,188 global accepts · Rating: 1800 · first AC: 2011-03-07 · GNU C++ (first AC) · Tags: data structures, implementation
[tmt514's solution](#)

1350.

1895D

[XOR Construction](#) · [Tutorial](#)

Quality: 7,131 global accepts · Rating: 1900 · first AC: 2023-11-26 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, constructive algorithms, data structures, math, string suffix structures, trees
[tmt514's solution](#)

1351.

722D

[Generating Sets](#) · [Tutorial](#)

Quality: 3,350 global accepts · Rating: 1900 · first AC: 2021-11-13 · C++17 (GCC 7-32) (first AC) · Tags: binary search, data structures, dfs and similar, greedy, strings, trees
[tmt514's solution](#)

1352.

1328E

[Tree Queries](#) · [Tutorial](#)

Quality: 11,723 global accepts · Rating: 1900 · first AC: 2021-11-13 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, graphs, trees
[tmt514's solution](#)

1353.

1237C2

[Balanced Removals \(Harder\)](#) · [Tutorial](#)

Quality: 4,534 global accepts · Rating: 1900 · first AC: 2019-10-16 · C++14 (GCC 6-32) (first AC) · Tags: binary search, constructive algorithms, divide and conquer, greedy, implementation, sortings
[tmt514's solution](#)

1354.

1161B

[Chladni Figure](#) · [Tutorial](#)

Rating: 1900 · first AC: 2019-05-04 · C++17 (GCC 7-32) (first AC) · Tags: hashing, implementation, strings
[tmt514's solution](#)

1355.

1043E

[Train Hard, Win Easy](#) · [Tutorial](#)

Quality: 3,461 global accepts · Rating: 1900 · first AC: 2018-10-28 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy, math, sortings
[tmt514's solution](#)

1356.

1054D

[Changing Array](#) · [Tutorial](#)

Quality: 2,415 global accepts · Rating: 1900 · first AC: 2018-10-18 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

1357.

20C

[Dijkstra?](#) · [Tutorial](#)

Quality: 46,883 global accepts · Rating: 1900 · first AC: 2011-08-05 · last AC: 2018-09-19 · GNU C++ (first AC) · Tags: graphs, shortest paths
[tmt514's solution](#)

1358.

952B

[A Map of the Cat](#) · [Tutorial](#)

Quality: 2,116 global accepts · Rating: 1900 · first AC: 2018-04-01 · C++14 (GCC 6-32) (first AC) · Tags: *special, brute force, interactive
[tmt514's solution](#)

1359.

914D

[Bash and a Tough Math Puzzle](#) · [Tutorial](#)

Quality: 6,385 global accepts · Rating: 1900 · first AC: 2018-01-20 · C++14 (GCC 6-32) (first AC) · Tags: data structures, number theory
[tmt514's solution](#)

1360.

808D

[Array Division](#) · [Tutorial](#)

Quality: 8,101 global accepts · Rating: 1900 · first AC: 2017-05-15 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, implementation

[tmt514's solution](#)

1361.

757C

[Felicity is Coming!](#) · [Tutorial](#)

Quality: 2,465 global accepts · Rating: 1900 · first AC: 2017-01-12 · C++14 (GCC 6-32) (first AC) · Tags: data structures, hashing, sortings, strings

[tmt514's solution](#)

1362.

750D

[New Year and Fireworks](#) · [Tutorial](#)

Quality: 3,168 global accepts · Rating: 1900 · first AC: 2016-12-30 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures, dfs and similar, dp, implementation

[tmt514's solution](#)

1363.

404D

[Minesweeper 1D](#) · [Tutorial](#)

Quality: 2,466 global accepts · Rating: 1900 · first AC: 2016-08-25 · GNU C++11 (first AC) · Tags: dp, implementation

[tmt514's solution](#)

1364.

577B

[Modulo Sum](#) · [Tutorial](#)

Quality: 14,859 global accepts · Rating: 1900 · first AC: 2016-08-01 · GNU C++11 (first AC) · Tags: combinatorics, data structures, dp, two pointers

[tmt514's solution](#)

1365.

388B

[Fox and Minimal path](#) · [Tutorial](#)

Quality: 2,603 global accepts · Rating: 1900 · first AC: 2016-07-13 · last AC: 2016-07-13 · GNU C++11 (first AC) · Tags: bitmasks, constructive algorithms, graphs, implementation, math

[tmt514's solution](#)

1366.

540D

[Bad Luck Island](#) · [Tutorial](#)

Quality: 6,497 global accepts · Rating: 1900 · first AC: 2016-06-29 · last AC: 2016-06-29 · GNU C++11 (first AC) · Tags: dp, probabilities

[tmt514's solution](#)

1367.

437D

[The Child and Zoo](#) · [Tutorial](#)

Quality: 3,667 global accepts · Rating: 1900 · first AC: 2016-06-23 · last AC: 2016-06-24 · GNU C++11 (first AC) · Tags: dsu, sortings

[tmt514's solution](#)

1368.

459E

[Pashmak and Graph](#) · [Tutorial](#)

Quality: 5,971 global accepts · Rating: 1900 · first AC: 2016-06-21 · GNU C++11 (first AC) · Tags: dp, sortings

[tmt514's solution](#)

1369.

476D

[Dreamoon and Sets](#) · [Tutorial](#)

Quality: 5,033 global accepts · Rating: 1900 · first AC: 2016-06-16 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, math

[tmt514's solution](#)

1370.

463D

[Gargari and Permutations](#) · [Tutorial](#)

Quality: 7,298 global accepts · Rating: 1900 · first AC: 2016-06-15 · last AC: 2016-06-15 · GNU C++11 (first AC) · Tags: dfs and similar, dp, graphs, implementation

[tmt514's solution](#)

1371.

549D

[Haar Features](#) · [Tutorial](#)

Quality: 2,254 global accepts · Rating: 1900 · first AC: 2015-06-06 · GNU C++11 (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

1372.

512B

[Fox And Jumping](#) · [Tutorial](#)

Rating: 1900 · first AC: 2015-02-02 · GNU C++ (first AC) · Tags: data structures, dp, math, number theory, shortest paths

[tmt514's solution](#)

1373.

472D

[Design Tutorial: Inverse the Problem](#) · [Tutorial](#)

Quality: 6,525 global accepts · Rating: 1900 · first AC: 2014-09-28 · GNU C++ (first AC) · Tags: dfs and similar, dsu, shortest paths, trees

[tmt514's solution](#)

1374.

470D

[Caesar Cipher](#) · [Tutorial](#)

Quality: 157 global accepts · Rating: 1900 · first AC: 2014-09-13 · FALSE (first AC) · Tags: *special

[tmt514's solution](#)

1375.

470C

[Eval](#) · [Tutorial](#)

Quality: 262 global accepts · Rating: 1900 · first AC: 2014-09-13 · FALSE (first AC) · Tags: *special

[tmt514's solution](#)

1376.

470E

[Chessboard](#) · [Tutorial](#)

Quality: 205 global accepts · Rating: 1900 · first AC: 2014-09-13 · FALSE (first AC) · Tags: *special

[tmt514's solution](#)

1377.

418B

[Cunning Gena](#) · [Tutorial](#)

Rating: 1900 · first AC: 2014-04-17 · GNU C++ (first AC) · Tags: bitmasks, dp, sortings

[tmt514's solution](#)

1378.

356B

[Xenia and Hamming](#) · [Tutorial](#)

Quality: 2,088 global accepts · Rating: 1900 · first AC: 2014-04-04 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

1379.

367B

[Sereja ans Anagrams](#) · [Tutorial](#)

Quality: 2,681 global accepts · Rating: 1900 · first AC: 2014-04-04 · GNU C++ (first AC) · Tags: binary search, data structures
[tmt514's solution](#)

1380.

366C

[Dima and Salad](#) · [Tutorial](#)

Quality: 5,877 global accepts · Rating: 1900 · first AC: 2014-04-03 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1381.

331B2

[Shave Beaver!](#) · [Tutorial](#)

Quality: 831 global accepts · Rating: 1900 · first AC: 2013-12-03 · GNU C++ (first AC) · Tags: data structures
[tmt514's solution](#)

1382.

353B

[Two Heaps](#) · [Tutorial](#)

Quality: 2,434 global accepts · Rating: 1900 · first AC: 2013-10-25 · GNU C++ (first AC) · Tags: combinatorics, constructive algorithms, greedy, implementation, math, sortings
[tmt514's solution](#)

1383.

335B

[Palindrome](#) · [Tutorial](#)

Quality: 2,373 global accepts · Rating: 1900 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: constructive algorithms, dp
[tmt514's solution](#)

1384.

343C

[Read Time](#) · [Tutorial](#)

Quality: 3,212 global accepts · Rating: 1900 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: binary search, greedy, two pointers
[tmt514's solution](#)

1385.

319B

[Psychos in a Line](#) · [Tutorial](#)

Quality: 4,746 global accepts · Rating: 1900 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: data structures, implementation
[tmt514's solution](#)

1386.

342C

[Cupboard and Balloons](#) · [Tutorial](#)

Quality: 1,995 global accepts · Rating: 1900 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: geometry
[tmt514's solution](#)

1387.

336B

[Vasily the Bear and Fly](#) · [Tutorial](#)

Quality: 1,371 global accepts · Rating: 1900 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: math
[tmt514's solution](#)

1388.

327D

[Block Tower](#) · [Tutorial](#)

Quality: 2,496 global accepts · Rating: 1900 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: constructive algorithms, dfs and similar, graphs
[tmt514's solution](#)

1389.

351B

[Jeff and Furik](#) · [Tutorial](#)

Quality: 2,724 global accepts · Rating: 1900 · first AC: 2013-10-10 · GNU C++ (first AC) · Tags: combinatorics, dp, probabilities
[tmt514's solution](#)

1390.

321B

[Ciel and Duel](#) · [Tutorial](#)

Quality: 3,837 global accepts · Rating: 1900 · first AC: 2013-06-28 · GNU C++ (first AC) · Tags: dp, flows, greedy

[tmt514's solution](#)

1391.

309C

[Memory for Arrays](#) · [Tutorial](#)

Quality: 1,493 global accepts · Rating: 1900 · first AC: 2013-06-14 · GNU C++ (first AC) · Tags: binary search, bitmasks, greedy

[tmt514's solution](#)

1392.

292D

[Connected Components](#) · [Tutorial](#)

Quality: 2,770 global accepts · Rating: 1900 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: data structures, dfs and similar, dp, dsu

[tmt514's solution](#)

1393.

294C

[Shaass and Lights](#) · [Tutorial](#)

Quality: 4,355 global accepts · Rating: 1900 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: combinatorics, number theory

[tmt514's solution](#)

1394.

292E

[Copying Data](#) · [Tutorial](#)

Quality: 4,883 global accepts · Rating: 1900 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1395.

177E2

[Space Voyage](#) · [Tutorial](#)

Quality: 502 global accepts · Rating: 1900 · first AC: 2013-03-28 · GNU C++ (first AC) · Tags: binary search

[tmt514's solution](#)

1396.

250D

[Building Bridge](#) · [Tutorial](#)

Quality: 1,013 global accepts · Rating: 1900 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: geometry, ternary search, two pointers

[tmt514's solution](#)

1397.

285D

[Permutation Sum](#) · [Tutorial](#)

Quality: 1,676 global accepts · Rating: 1900 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: bitmasks, combinatorics, dp, implementation, meet-in-the-middle

[tmt514's solution](#)

1398.

279E

[Beautiful Decomposition](#) · [Tutorial](#)

Quality: 1,603 global accepts · Rating: 1900 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: dp, games, greedy, number theory

[tmt514's solution](#)

1399.

261B

[Maxim and Restaurant](#) · [Tutorial](#)

Quality: 1,612 global accepts · Rating: 1900 · first AC: 2013-02-19 · GNU C++ (first AC) · Tags: dp, math, probabilities

[tmt514's solution](#)

1400.

258B

[Little Elephant and Elections](#) · [Tutorial](#)

Quality: 1,604 global accepts · Rating: 1900 · first AC: 2013-02-16 · GNU C++ (first AC) · Tags: brute force, combinatorics, dp

[tmt514's solution](#)

1401.

257D

[Sum](#) · [Tutorial](#)

Quality: 1,719 global accepts · Rating: 1900 · first AC: 2013-02-14 · GNU C++ (first AC) · Tags: greedy, math
[tmt514's solution](#)

1402.

199B

[Special Olympics](#) · [Tutorial](#)

Quality: 877 global accepts · Rating: 1900 · first AC: 2012-11-11 · GNU C++ (first AC) · Tags: geometry
[tmt514's solution](#)

1403.

241G

[Challenging Balloons](#) · [Tutorial](#)

Quality: 564 global accepts · Rating: 1900 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: constructive algorithms
[tmt514's solution](#)

1404.

232B

[Table](#) · [Tutorial](#)

Quality: 1,679 global accepts · Rating: 1900 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: bitmasks, combinatorics, dp, math
[tmt514's solution](#)

1405.

223B

[Two Strings](#) · [Tutorial](#)

Quality: 2,034 global accepts · Rating: 1900 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: data structures, dp, strings
[tmt514's solution](#)

1406.

228E

[The Road to Berland is Paved With Good Intentions](#) · [Tutorial](#)

Quality: 2,815 global accepts · Rating: 1900 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: 2-sat, dfs and similar, dsu, graphs
[tmt514's solution](#)

1407.

226B

[Naughty Stone Piles](#) · [Tutorial](#)

Quality: 1,709 global accepts · Rating: 1900 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

1408.

229C

[Triangles](#) · [Tutorial](#)

Quality: 1,783 global accepts · Rating: 1900 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: combinatorics, graphs, math
[tmt514's solution](#)

1409.

195D

[Analyzing Polyline](#) · [Tutorial](#)

Quality: 1,135 global accepts · Rating: 1900 · first AC: 2012-09-28 · GNU C++ (first AC) · Tags: geometry, math, sortings
[tmt514's solution](#)

1410.

223C

[Partial Sums](#) · [Tutorial](#)

Quality: 1,755 global accepts · Rating: 1900 · first AC: 2012-09-22 · GNU C++ (first AC) · Tags: combinatorics, math, number theory
[tmt514's solution](#)

1411.

213B

[Numbers](#) · [Tutorial](#)

Quality: 1,979 global accepts · Rating: 1900 · first AC: 2012-09-22 · GNU C++ (first AC) · Tags: combinatorics, dp
[tmt514's solution](#)

1412.

222E

[Decoding Genome](#) · [Tutorial](#)

Quality: 3,570 global accepts · Rating: 1900 · first AC: 2012-09-16 · GNU C++ (first AC) · Tags: dp, matrices

[tmt514's solution](#)

1413.

222D

[Olympiad](#) · [Tutorial](#)

Quality: 2,341 global accepts · Rating: 1900 · first AC: 2012-09-15 · GNU C++ (first AC) · Tags: binary search, greedy, sortings, two pointers

[tmt514's solution](#)

1414.

208C

[Police Station](#) · [Tutorial](#)

Quality: 2,152 global accepts · Rating: 1900 · first AC: 2012-09-08 · GNU C++ (first AC) · Tags: dp, graphs, shortest paths

[tmt514's solution](#)

1415.

208B

[Solitaire](#) · [Tutorial](#)

Quality: 1,498 global accepts · Rating: 1900 · first AC: 2012-09-03 · GNU C++ (first AC) · Tags: dfs and similar, dp

[tmt514's solution](#)

1416.

215D

[Hot Days](#) · [Tutorial](#)

Quality: 1,691 global accepts · Rating: 1900 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1417.

191C

[Fools and Roads](#) · [Tutorial](#)

Quality: 9,223 global accepts · Rating: 1900 · first AC: 2012-05-27 · GNU C++ (first AC) · Tags: data structures, dfs and similar, trees

[tmt514's solution](#)

1418.

190D

[Non-Secret Cypher](#) · [Tutorial](#)

Quality: 2,661 global accepts · Rating: 1900 · first AC: 2012-05-21 · GNU C++ (first AC) · Tags: two pointers

[tmt514's solution](#)

1419.

178E1

[The Beaver's Problem - 2](#) · [Tutorial](#)

Quality: 314 global accepts · Rating: 1900 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1420.

178C2

[Smart Beaver and Resolving Collisions](#) · [Tutorial](#)

Quality: 339 global accepts · Rating: 1900 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1421.

178D2

[Magic Squares](#) · [Tutorial](#)

Quality: 326 global accepts · Rating: 1900 · first AC: 2012-04-28 · last AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1422.

180D

[Name](#) · [Tutorial](#)

Quality: 812 global accepts · Rating: 1900 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: greedy, strings

[tmt514's solution](#)

1423.

173C

[Spiral Maximum](#) · [Tutorial](#)

Quality: 1,112 global accepts · Rating: 1900 · first AC: 2012-04-06 · GNU C++ (first AC) · Tags: brute force, dp
[tmt514's solution](#)

1424.

162D

[Remove digits](#) · [Tutorial](#)

Quality: 232 global accepts · Rating: 1900 · first AC: 2012-03-18 · Factor (first AC) · Tags: *special
[tmt514's solution](#)

1425.

158E

[Phone Talks](#) · [Tutorial](#)

Quality: 1,538 global accepts · Rating: 1900 · first AC: 2012-03-04 · GNU C++ (first AC) · Tags: *special, dp, sortings
[tmt514's solution](#)

1426.

120J

[Minimum Sum](#) · [Tutorial](#)

Quality: 1,024 global accepts · Rating: 1900 · first AC: 2011-10-18 · last AC: 2012-03-02 · GNU C++ (first AC) · Tags: divide and conquer, geometry, sortings
[tmt514's solution](#)

1427.

69D

[Dot](#) · [Tutorial](#)

Quality: 1,130 global accepts · Rating: 1900 · first AC: 2012-03-01 · GNU C++ (first AC) · Tags: dp, games
[tmt514's solution](#)

1428.

61E

[Enemy is weak](#) · [Tutorial](#)

Quality: 15,175 global accepts · Rating: 1900 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: data structures, trees
[tmt514's solution](#)

1429.

149D

[Coloring Brackets](#) · [Tutorial](#)

Quality: 4,611 global accepts · Rating: 1900 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1430.

103C

[Russian Roulette](#) · [Tutorial](#)

Quality: 1,049 global accepts · Rating: 1900 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[tmt514's solution](#)

1431.

63D

[Dividing Island](#) · [Tutorial](#)

Quality: 1,447 global accepts · Rating: 1900 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: constructive algorithms
[tmt514's solution](#)

1432.

138B

[Digits Permutations](#) · [Tutorial](#)

Quality: 1,110 global accepts · Rating: 1900 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

1433.

135C

[Zero-One](#) · [Tutorial](#)

Quality: 1,448 global accepts · Rating: 1900 · first AC: 2012-02-26 · GNU C++ (first AC) · Tags: constructive algorithms, games, greedy
[tmt514's solution](#)

1434.

67D

[Optical Experiment](#) · [Tutorial](#)

Quality: 1,777 global accepts · Rating: 1900 · first AC: 2012-02-26 · GNU C++ (first AC) · Tags: binary search, data structures, dp
[tmt514's solution](#)

1435.

57C

[Array](#) · [Tutorial](#)

Quality: 4,006 global accepts · Rating: 1900 · first AC: 2012-02-26 · GNU C++ (first AC) · Tags: combinatorics, math
[tmt514's solution](#)

1436.

137D

[Palindromes](#) · [Tutorial](#)

Quality: 1,722 global accepts · Rating: 1900 · first AC: 2012-02-26 · GNU C++ (first AC) · Tags: dp, strings
[tmt514's solution](#)

1437.

134B

[Pairs of Numbers](#) · [Tutorial](#)

Quality: 2,485 global accepts · Rating: 1900 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: brute force, dfs and similar, math, number theory
[tmt514's solution](#)

1438.

55C

[Pie or die](#) · [Tutorial](#)

Quality: 1,828 global accepts · Rating: 1900 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: games
[tmt514's solution](#)

1439.

95C

[Volleyball](#) · [Tutorial](#)

Quality: 3,387 global accepts · Rating: 1900 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: shortest paths
[tmt514's solution](#)

1440.

126A

[Hot Bath](#) · [Tutorial](#)

Quality: 1,597 global accepts · Rating: 1900 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: binary search, brute force, math
[tmt514's solution](#)

1441.

148E

[Porcelain](#) · [Tutorial](#)

Quality: 4,870 global accepts · Rating: 1900 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1442.

144D

[Missile Silos](#) · [Tutorial](#)

Quality: 5,064 global accepts · Rating: 1900 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: data structures, dfs and similar, graphs, shortest paths
[tmt514's solution](#)

1443.

121C

[Lucky Permutation](#) · [Tutorial](#)

Quality: 1,434 global accepts · Rating: 1900 · first AC: 2011-12-25 · GNU C++ (first AC) · Tags: brute force, combinatorics, number theory
[tmt514's solution](#)

1444.

45C

[Dancing Lessons](#) · [Tutorial](#)

Quality: 1,147 global accepts · Rating: 1900 · first AC: 2011-12-14 · GNU C++ (first AC) · Tags: data structures
[tmt514's solution](#)

1445.

45D

[Event Dates](#) · [Tutorial](#)

Quality: 1,973 global accepts · Rating: 1900 · first AC: 2011-12-14 · GNU C++ (first AC) · Tags: greedy, meet-in-the-middle, sortings
[tmt514's solution](#)

1446.

46E

[Comb](#) · [Tutorial](#)

Quality: 1,159 global accepts · Rating: 1900 · first AC: 2011-12-01 · GNU C++ (first AC) · Tags: data structures, dp
[tmt514's solution](#)

1447.

41E

[3-cycles](#) · [Tutorial](#)

Quality: 2,227 global accepts · Rating: 1900 · first AC: 2011-11-10 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, greedy
[tmt514's solution](#)

1448.

41D

[Pawn](#) · [Tutorial](#)

Quality: 2,897 global accepts · Rating: 1900 · first AC: 2011-11-10 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1449.

119B

[Before Exam](#) · [Tutorial](#)

Quality: 1,137 global accepts · Rating: 1900 · first AC: 2011-11-07 · GNU C++ (first AC) · Tags: constructive algorithms, implementation, sortings
[tmt514's solution](#)

1450.

38D

[Vasya the Architect](#) · [Tutorial](#)

Quality: 1,075 global accepts · Rating: 1900 · first AC: 2011-10-22 · GNU C++ (first AC) · Tags: implementation
[tmt514's solution](#)

1451.

37C

[Old Berland Language](#) · [Tutorial](#)

Quality: 2,155 global accepts · Rating: 1900 · first AC: 2011-10-21 · GNU C++ (first AC) · Tags: data structures, greedy, trees
[tmt514's solution](#)

1452.

111B

[Petya and Divisors](#) · [Tutorial](#)

Quality: 4,104 global accepts · Rating: 1900 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: binary search, data structures, number theory
[tmt514's solution](#)

1453.

118C

[Fancy Number](#) · [Tutorial](#)

Quality: 2,872 global accepts · Rating: 1900 · first AC: 2011-10-11 · GNU C++ (first AC) · Tags: brute force, greedy, sortings, strings
[tmt514's solution](#)

1454.

109C

[Lucky Tree](#) · [Tutorial](#)

Quality: 4,119 global accepts · Rating: 1900 · first AC: 2011-08-29 · GNU C++ (first AC) · Tags: dp, dsu, trees
[tmt514's solution](#)

1455.

109B

[Lucky Probability](#) · [Tutorial](#)

Quality: 1,780 global accepts · Rating: 1900 · first AC: 2011-08-29 · GNU C++ (first AC) · Tags: brute force, probabilities
[tmt514's solution](#)

1456.

27C

[Unordered Subsequence](#) · [Tutorial](#)

Quality: 3,064 global accepts · Rating: 1900 · first AC: 2011-08-21 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[tmt514's solution](#)

1457.

25D

[Roads not only in Berland](#) · [Tutorial](#)

Quality: 15,577 global accepts · Rating: 1900 · first AC: 2011-08-18 · GNU C++ (first AC) · Tags: dsu, graphs, trees
[tmt514's solution](#)

1458.

25C

[Roads in Berland](#) · [Tutorial](#)

Quality: 8,076 global accepts · Rating: 1900 · first AC: 2011-08-18 · GNU C++ (first AC) · Tags: graphs, shortest paths
[tmt514's solution](#)

1459.

22D

[Segments](#) · [Tutorial](#)

Quality: 3,413 global accepts · Rating: 1900 · first AC: 2011-08-06 · GNU C++ (first AC) · Tags: greedy, sortings
[tmt514's solution](#)

1460.

21A

[Jabber ID](#) · [Tutorial](#)

Quality: 2,271 global accepts · Rating: 1900 · first AC: 2011-08-05 · GNU C++ (first AC) · Tags: implementation, strings
[tmt514's solution](#)

1461.

19B

[Checkout Assistant](#) · [Tutorial](#)

Quality: 5,823 global accepts · Rating: 1900 · first AC: 2011-08-04 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1462.

16E

[Fish](#) · [Tutorial](#)

Quality: 6,541 global accepts · Rating: 1900 · first AC: 2011-08-02 · GNU C++ (first AC) · Tags: bitmasks, dp, probabilities
[tmt514's solution](#)

1463.

16D

[Logging](#) · [Tutorial](#)

Quality: 1,866 global accepts · Rating: 1900 · first AC: 2011-08-02 · GNU C++ (first AC) · Tags: implementation, strings
[tmt514's solution](#)

1464.

14E

[Camels](#) · [Tutorial](#)

Quality: 2,061 global accepts · Rating: 1900 · first AC: 2011-08-01 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1465.

14D

[Two Paths](#) · [Tutorial](#)

Quality: 5,284 global accepts · Rating: 1900 · first AC: 2011-07-31 · GNU C++ (first AC) · Tags: dfs and similar, dp, graphs, shortest paths, trees, two pointers
[tmt514's solution](#)

1466.

93B

[End of Exams](#) · [Tutorial](#)

Quality: 988 global accepts · Rating: 1900 · first AC: 2011-06-30 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

1467.

9D

[How many trees?](#) · [Tutorial](#)

Quality: 4,505 global accepts · Rating: 1900 · first AC: 2011-06-12 · GNU C++ (first AC) · Tags: combinatorics, divide and conquer, dp
[tmt514's solution](#)

1468.

6E

[Exposition](#) · [Tutorial](#)

Quality: 3,864 global accepts · Rating: 1900 · first AC: 2011-05-10 · GNU C++ (first AC) · Tags: binary search, data structures, dsu, trees, two pointers
[tmt514's solution](#)

1469.

5C

[Longest Regular Bracket Sequence](#) · [Tutorial](#)

Quality: 18,068 global accepts · Rating: 1900 · first AC: 2011-05-05 · GNU C++ (first AC) · Tags: constructive algorithms, data structures, dp, greedy, sortings, strings
[tmt514's solution](#)

1470.

3B

[Lorry](#) · [Tutorial](#)

Quality: 5,233 global accepts · Rating: 1900 · first AC: 2011-03-28 · GNU C++ (first AC) · Tags: greedy, sortings
[tmt514's solution](#)

1471.

1427C

[The Hard Work of Papparazzi](#) · [Tutorial](#)

Quality: 6,070 global accepts · Rating: 2000 · first AC: 2020-10-22 · C++17 (GCC 7-32) (first AC) · Tags: dp
[tmt514's solution](#)

1472.

1237D

[Balanced Playlist](#) · [Tutorial](#)

Quality: 4,779 global accepts · Rating: 2000 · first AC: 2019-10-16 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, implementation
[tmt514's solution](#)

1473.

1209E1

[Rotate Columns \(easy version\)](#) · [Tutorial](#)

Quality: 3,251 global accepts · Rating: 2000 · first AC: 2019-09-14 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, brute force, dp, greedy, sortings
[tmt514's solution](#)

1474.

1161C

[Thanos Nim](#) · [Tutorial](#)

Rating: 2000 · first AC: 2019-05-04 · C++17 (GCC 7-32) (first AC) · Tags: games
[tmt514's solution](#)

1475.

755D

[PolandBall and Polygon](#) · [Tutorial](#)

Quality: 2,675 global accepts · Rating: 2000 · first AC: 2017-01-15 · C++14 (GCC 6-32) (first AC) · Tags: data structures
[tmt514's solution](#)

1476.

401D

[Roman and Numbers](#) · [Tutorial](#)

Quality: 4,571 global accepts · Rating: 2000 · first AC: 2016-08-05 · GNU C++ (first AC) · Tags: bitmasks, brute force, combinatorics, dp, number theory
[tmt514's solution](#)

1477.

341C

[lahub and Permutations](#) · [Tutorial](#)

Quality: 2000 · first AC: 2016-08-03 · GNU C++ (first AC) · Tags: combinatorics, dp, math

[tmt514's solution](#)

1478.

487B

[Strip](#) · [Tutorial](#)

Quality: 4,211 global accepts · Rating: 2000 · first AC: 2016-07-18 · GNU C++11 (first AC) · Tags: binary search, data structures, dp, two pointers

[tmt514's solution](#)

1479.

509C

[Sums of Digits](#) · [Tutorial](#)

Quality: 2,392 global accepts · Rating: 2000 · first AC: 2016-07-18 · GNU C++11 (first AC) · Tags: dp, greedy, implementation

[tmt514's solution](#)

1480.

633D

[Fibonacci-ish](#) · [Tutorial](#)

Quality: 3,051 global accepts · Rating: 2000 · first AC: 2016-07-14 · last AC: 2016-07-14 · GNU C++11 (first AC) · Tags: brute force, dp, hashing, implementation, math

[tmt514's solution](#)

1481.

509E

[Pretty Song](#) · [Tutorial](#)

Quality: 1,881 global accepts · Rating: 2000 · first AC: 2016-07-12 · GNU C++11 (first AC) · Tags: math, strings

[tmt514's solution](#)

1482.

359D

[Pair of Numbers](#) · [Tutorial](#)

Quality: 5,724 global accepts · Rating: 2000 · first AC: 2016-07-10 · GNU C++11 (first AC) · Tags: binary search, brute force, data structures, math, two pointers

[tmt514's solution](#)

1483.

388C

[Fox and Card Game](#) · [Tutorial](#)

Quality: 3,818 global accepts · Rating: 2000 · first AC: 2016-07-09 · GNU C++11 (first AC) · Tags: games, greedy, sortings

[tmt514's solution](#)

1484.

453B

[Little Pony and Harmony Chest](#) · [Tutorial](#)

Quality: 5,401 global accepts · Rating: 2000 · first AC: 2016-07-03 · last AC: 2016-07-03 · GNU C++11 (first AC) · Tags: bitmasks, brute force, dp

[tmt514's solution](#)

1485.

337D

[Book of Evil](#) · [Tutorial](#)

Quality: 6,907 global accepts · Rating: 2000 · first AC: 2016-07-03 · last AC: 2016-07-03 · GNU C++11 (first AC) · Tags: dfs and similar, divide and conquer, dp, trees

[tmt514's solution](#)

1486.

468B

[Two Sets](#) · [Tutorial](#)

Quality: 5,271 global accepts · Rating: 2000 · first AC: 2016-07-03 · last AC: 2016-07-03 · GNU C++11 (first AC) · Tags: 2-sat, dfs and similar, dsu, graph matchings, greedy

[tmt514's solution](#)

1487.

446B

[DZY Loves Modification](#) · [Tutorial](#)

Quality: 3,856 global accepts · Rating: 2000 · first AC: 2016-07-01 · last AC: 2016-07-02 · GNU C++11 (first AC) · Tags: brute force, data structures, greedy

[tmt514's solution](#)

1488.

380C

[Sereja and Brackets](#) · [Tutorial](#)

Quality: 19,779 global accepts · Rating: 2000 · first AC: 2016-06-28 · GNU C++11 (first AC) · Tags: data structures, schedules

[tmt514's solution](#)

1489.

383C

[Propagating tree](#) · [Tutorial](#)

Quality: 7,523 global accepts · Rating: 2000 · first AC: 2016-06-22 · last AC: 2016-06-22 · GNU C++11 (first AC) · Tags: data structures, dfs and similar, trees

[tmt514's solution](#)

1490.

478D

[Red-Green Towers](#) · [Tutorial](#)

Quality: 7,142 global accepts · Rating: 2000 · first AC: 2016-06-19 · GNU C++11 (first AC) · Tags: dp

[tmt514's solution](#)

1491.

571B

[Minimization](#) · [Tutorial](#)

Quality: 2,824 global accepts · Rating: 2000 · first AC: 2015-08-22 · GNU C++ (first AC) · Tags: dp, greedy, sortings

[tmt514's solution](#)

1492.

513C

[Second price auction](#) · [Tutorial](#)

Quality: 1,669 global accepts · Rating: 2000 · first AC: 2015-02-07 · GNU C++ (first AC) · Tags: bitmasks, probabilities

[tmt514's solution](#)

1493.

475D

[CGCDSSQ](#) · [Tutorial](#)

Quality: 6,511 global accepts · Rating: 2000 · first AC: 2014-10-05 · GNU C++ (first AC) · Tags: brute force, data structures, math

[tmt514's solution](#)

1494.

461B

[Appleman and Tree](#) · [Tutorial](#)

Quality: 7,021 global accepts · Rating: 2000 · first AC: 2014-08-26 · GNU C++ (first AC) · Tags: dfs and similar, dp, trees

[tmt514's solution](#)

1495.

379D

[New Year Letter](#) · [Tutorial](#)

Quality: 1,664 global accepts · Rating: 2000 · first AC: 2014-04-03 · GNU C++ (first AC) · Tags: bitmasks, brute force, dp

[tmt514's solution](#)

1496.

374A

[Inna and Pink Pony](#) · [Tutorial](#)

Quality: 3,094 global accepts · Rating: 2000 · first AC: 2014-04-03 · GNU C++ (first AC) · Tags: greedy, implementation

[tmt514's solution](#)

1497.

346B

[Lucky Common Subsequence](#) · [Tutorial](#)

Quality: 4,260 global accepts · Rating: 2000 · first AC: 2013-12-01 · GNU C++ (first AC) · Tags: dp, strings

[tmt514's solution](#)

1498.

353D

[Queue](#) · [Tutorial](#)

Quality: 3,188 global accepts · Rating: 2000 · first AC: 2013-11-07 · GNU C++ (first AC) · Tags: constructive algorithms, dp

[tmt514's solution](#)

1499.

267B

[Dominoes](#) · [Tutorial](#)

Quality: 753 global accepts · Rating: 2000 · first AC: 2013-07-16 · GNU C++ (first AC) · Tags: dfs and similar, graphs

[tmt514's solution](#)

1500.

234H

[Merging Two Decks](#) · [Tutorial](#)

Quality: 619 global accepts · Rating: 2000 · first AC: 2013-06-21 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[tmt514's solution](#)

1501.

317B

[Ants](#) · [Tutorial](#)

Quality: 1,659 global accepts · Rating: 2000 · first AC: 2013-06-14 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

1502.

309A

[Morning run](#) · [Tutorial](#)

Quality: 530 global accepts · Rating: 2000 · first AC: 2013-06-14 · GNU C++ (first AC) · Tags: binary search, math, two pointers

[tmt514's solution](#)

1503.

314B

[Sereja and Periods](#) · [Tutorial](#)

Quality: 1,619 global accepts · Rating: 2000 · first AC: 2013-06-07 · GNU C++ (first AC) · Tags: binary search, dfs and similar, strings

[tmt514's solution](#)

1504.

314C

[Sereja and Subsequences](#) · [Tutorial](#)

Quality: 2,004 global accepts · Rating: 2000 · first AC: 2013-06-07 · GNU C++ (first AC) · Tags: data structures, dp

[tmt514's solution](#)

1505.

250E

[Mad Joe](#) · [Tutorial](#)

Quality: 503 global accepts · Rating: 2000 · first AC: 2013-06-06 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

1506.

237D

[T-decomposition](#) · [Tutorial](#)

Quality: 618 global accepts · Rating: 2000 · first AC: 2013-05-24 · GNU C++ (first AC) · Tags: dfs and similar, graphs, greedy, trees

[tmt514's solution](#)

1507.

216E

[Martian Luck](#) · [Tutorial](#)

Quality: 667 global accepts · Rating: 2000 · first AC: 2013-05-24 · GNU C++ (first AC) · Tags: math, number theory

[tmt514's solution](#)

1508.

228C

[Fractal Detector](#) · [Tutorial](#)

Quality: 549 global accepts · Rating: 2000 · first AC: 2013-05-24 · GNU C++ (first AC) · Tags: dp, hashing

[tmt514's solution](#)

1509.

296B

[Yaroslav and Two Strings](#) · [Tutorial](#)

Quality: 2,682 global accepts · Rating: 2000 · first AC: 2013-05-21 · GNU C++ (first AC) · Tags: combinatorics, dp

[tmt514's solution](#)

1510.

292C

[Beautiful IP Addresses](#) · [Tutorial](#)

Quality: 1,312 global accepts · Rating: 2000 · first AC: 2013-05-20 · last AC: 2013-05-20 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

1511.

291E

[Tree-String Problem](#) · [Tutorial](#)

Quality: 1,577 global accepts · Rating: 2000 · first AC: 2013-05-20 · GNU C++ (first AC) · Tags: *special, dfs and similar, hashing, strings

[tmt514's solution](#)

1512.

195E

[Building Forest](#) · [Tutorial](#)

Quality: 859 global accepts · Rating: 2000 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: data structures, dsu, graphs

[tmt514's solution](#)

1513.

248C

[Robo-Footballer](#) · [Tutorial](#)

Quality: 902 global accepts · Rating: 2000 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: binary search, geometry

[tmt514's solution](#)

1514.

251C

[Number Transformation](#) · [Tutorial](#)

Quality: 1,130 global accepts · Rating: 2000 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: dp, greedy, number theory

[tmt514's solution](#)

1515.

261C

[Maxim and Matrix](#) · [Tutorial](#)

Quality: 836 global accepts · Rating: 2000 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: constructive algorithms, dp, math

[tmt514's solution](#)

1516.

253D

[Table with Letters - 2](#) · [Tutorial](#)

Quality: 924 global accepts · Rating: 2000 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: brute force, two pointers

[tmt514's solution](#)

1517.

237E

[Build String](#) · [Tutorial](#)

Quality: 2,006 global accepts · Rating: 2000 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: flows, graphs

[tmt514's solution](#)

1518.

245F

[Log Stream Analysis](#) · [Tutorial](#)

Quality: 976 global accepts · Rating: 2000 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: binary search, brute force, implementation, strings

[tmt514's solution](#)

1519.

280A

[Rectangle Puzzle](#) · [Tutorial](#)

Quality: 1,586 global accepts · Rating: 2000 · first AC: 2013-03-24 · GNU C++ (first AC) · Tags: geometry

[tmt514's solution](#)

1520.

258C

[Little Elephant and LCM](#) · [Tutorial](#)

Quality: 1,986 global accepts · Rating: 2000 · first AC: 2013-02-19 · GNU C++ (first AC) · Tags: binary search, combinatorics, dp, math

[tmt514's solution](#)

1521.

264C

[Choosing Balls](#) · [Tutorial](#)

Quality: 3,277 global accepts · Rating: 2000 · first AC: 2013-02-17 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1522.

263C

[Circle of Numbers](#) · [Tutorial](#)

Quality: 1,135 global accepts · Rating: 2000 · first AC: 2013-02-15 · GNU C++ (first AC) · Tags: brute force, dfs and similar, implementation

[tmt514's solution](#)

1523.

201C

[Fragile Bridges](#) · [Tutorial](#)

Quality: 1,513 global accepts · Rating: 2000 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1524.

241C

[Mirror Box](#) · [Tutorial](#)

Quality: 533 global accepts · Rating: 2000 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: geometry, implementation

[tmt514's solution](#)

1525.

243B

[Hydra](#) · [Tutorial](#)

Quality: 1,328 global accepts · Rating: 2000 · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: graphs, sortings

[tmt514's solution](#)

1526.

242E

[XOR on Segment](#) · [Tutorial](#)

Quality: 11,858 global accepts · Rating: 2000 · first AC: 2012-11-16 · GNU C++ (first AC) · Tags: bitmasks, data structures

[tmt514's solution](#)

1527.

204C

[Little Elephant and Furik and Rubik](#) · [Tutorial](#)

Quality: 1,234 global accepts · Rating: 2000 · first AC: 2012-11-11 · GNU C++ (first AC) · Tags: math, probabilities

[tmt514's solution](#)

1528.

235B

[Let's Play Osu!](#) · [Tutorial](#)

Quality: 4,306 global accepts · Rating: 2000 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: dp, math, probabilities

[tmt514's solution](#)

1529.

213C

[Relay Race](#) · [Tutorial](#)

Quality: 3,255 global accepts · Rating: 2000 · first AC: 2012-09-22 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1530.

196B

[Infinite Maze](#) · [Tutorial](#)

Quality: 2,378 global accepts · Rating: 2000 · first AC: 2012-09-21 · last AC: 2012-09-21 · GNU C++ (first AC) · Tags: dfs and similar, graphs

[tmt514's solution](#)

1531.

193B

[Xor](#) · [Tutorial](#)

Quality: 1,140 global accepts · Rating: 2000 · first AC: 2012-06-03 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

1532.

64F

[Domain](#) · [Tutorial](#)

Quality: 193 global accepts · Rating: 2000 · first AC: 2012-05-21 · Tcl (first AC) · Tags: *special, expression parsing

[tmt514's solution](#)

1533.

187C

[Weak Memory](#) · [Tutorial](#)

Quality: 1,579 global accepts · Rating: 2000 · first AC: 2012-05-10 · GNU C++ (first AC) · Tags: dfs and similar, dsu

[tmt514's solution](#)

1534.

178E2

[The Beaver's Problem - 2](#) · [Tutorial](#)

Quality: 241 global accepts · Rating: 2000 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1535.

178C3

[Smart Beaver and Resolving Collisions](#) · [Tutorial](#)

Quality: 358 global accepts · Rating: 2000 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1536.

182C

[Optimal Sum](#) · [Tutorial](#)

Quality: 822 global accepts · Rating: 2000 · first AC: 2012-04-25 · GNU C++ (first AC) · Tags: data structures, greedy

[tmt514's solution](#)

1537.

176C

[Playing with Superglue](#) · [Tutorial](#)

Quality: 534 global accepts · Rating: 2000 · first AC: 2012-04-20 · GNU C++ (first AC) · Tags: combinatorics, constructive algorithms

[tmt514's solution](#)

1538.

164B

[Ancient Berland Hieroglyphs](#) · [Tutorial](#)

Quality: 529 global accepts · Rating: 2000 · first AC: 2012-04-08 · GNU C++ (first AC) · Tags: two pointers

[tmt514's solution](#)

1539.

171C

[A Piece of Cake](#) · [Tutorial](#)

Quality: 1,224 global accepts · Rating: 2000 · first AC: 2012-04-02 · GNU C++ (first AC) · Tags: *special, implementation

[tmt514's solution](#)

1540.

163B

[Lemmings](#) · [Tutorial](#)

Quality: 1,178 global accepts · Rating: 2000 · first AC: 2012-03-25 · GNU C++ (first AC) · Tags: binary search

[tmt514's solution](#)

1541.

59E

[Shortest Path](#) · [Tutorial](#)

Quality: 4,811 global accepts · Rating: 2000 · first AC: 2012-03-07 · GNU C++ (first AC) · Tags: graphs, shortest paths

[tmt514's solution](#)

1542.

63E

[Sweets Game](#) · [Tutorial](#)

Quality: 855 global accepts · Rating: 2000 · first AC: 2012-03-06 · GNU C++ (first AC) · Tags: bitmasks, dfs and similar, dp, games, implementation

[tmt514's solution](#)

1543.

156C

[Cipher](#) · [Tutorial](#)

Quality: 2,625 global accepts · Rating: 2000 · first AC: 2012-03-05 · GNU C++ (first AC) · Tags: combinatorics, dp

[tmt514's solution](#)

1544.

59D

[Team Arrangement](#) · [Tutorial](#)

Quality: 748 global accepts · Rating: 2000 · first AC: 2012-03-03 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, implementation

[tmt514's solution](#)

1545.

58D

[Calendar](#) · [Tutorial](#)

Quality: 836 global accepts · Rating: 2000 · first AC: 2012-03-02 · GNU C++ (first AC) · Tags: greedy, strings

[tmt514's solution](#)

1546.

101C

[Vectors](#) · [Tutorial](#)

Quality: 822 global accepts · Rating: 2000 · first AC: 2012-03-02 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

1547.

69C

[Game](#) · [Tutorial](#)

Quality: 674 global accepts · Rating: 2000 · first AC: 2012-03-01 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1548.

73B

[Need For Brake](#) · [Tutorial](#)

Quality: 547 global accepts · Rating: 2000 · first AC: 2012-03-01 · GNU C++ (first AC) · Tags: binary search, greedy, sortings

[tmt514's solution](#)

1549.

109D

[Lucky Sorting](#) · [Tutorial](#)

Quality: 894 global accepts · Rating: 2000 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: constructive algorithms, sortings

[tmt514's solution](#)

1550.

131F

[Present to Mom](#) · [Tutorial](#)

Quality: 728 global accepts · Rating: 2000 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: binary search, two pointers

[tmt514's solution](#)

1551.

75D

[Big Maximum Sum](#) · [Tutorial](#)

Quality: 2,052 global accepts · Rating: 2000 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: data structures, dp, greedy, implementation, math, trees

[tmt514's solution](#)

1552.

126C

[E-reader Display](#) · [Tutorial](#)

Quality: 817 global accepts · Rating: 2000 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[tmt514's solution](#)

1553.

50C

[Happy Farm 5](#) · [Tutorial](#)

Quality: 885 global accepts · Rating: 2000 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: geometry
[tmt514's solution](#)

1554.

61C

[Capture Valerian](#) · [Tutorial](#)

Quality: 851 global accepts · Rating: 2000 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: math
[tmt514's solution](#)

1555.

137E

[Last Chance](#) · [Tutorial](#)

Quality: 1,377 global accepts · Rating: 2000 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: data structures, implementation, strings
[tmt514's solution](#)

1556.

128D

[Numbers](#) · [Tutorial](#)

Quality: 1,261 global accepts · Rating: 2000 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: constructive algorithms, implementation
[tmt514's solution](#)

1557.

119C

[Education Reform](#) · [Tutorial](#)

Quality: 1,045 global accepts · Rating: 2000 · first AC: 2012-02-27 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1558.

113B

[Petr#](#) · [Tutorial](#)

Quality: 3,250 global accepts · Rating: 2000 · first AC: 2012-02-26 · GNU C++ (first AC) · Tags: brute force, data structures, hashing, strings
[tmt514's solution](#)

1559.

118E

[Bertown roads](#) · [Tutorial](#)

Quality: 8,436 global accepts · Rating: 2000 · first AC: 2012-02-26 · GNU C++ (first AC) · Tags: dfs and similar, graphs
[tmt514's solution](#)

1560.

78C

[Beaver Game](#) · [Tutorial](#)

Quality: 2,175 global accepts · Rating: 2000 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: dp, games, number theory
[tmt514's solution](#)

1561.

128C

[Games with Rectangle](#) · [Tutorial](#)

Quality: 3,244 global accepts · Rating: 2000 · first AC: 2012-02-25 · GNU C++ (first AC) · Tags: combinatorics, dp
[tmt514's solution](#)

1562.

45E

[Director](#) · [Tutorial](#)

Quality: 642 global accepts · Rating: 2000 · first AC: 2011-12-14 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[tmt514's solution](#)

1563.

47C

[Crossword](#) · [Tutorial](#)

Quality: 868 global accepts · Rating: 2000 · first AC: 2011-12-12 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1564.

44J

[Triminoes](#) · [Tutorial](#)

Quality: 614 global accepts · Rating: 2000 · first AC: 2011-11-28 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[tmt514's solution](#)

1565.

43D

[Journey](#) · [Tutorial](#)

Quality: 1,229 global accepts · Rating: 2000 · first AC: 2011-11-24 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, implementation

[tmt514's solution](#)

1566.

39E

[What Has Dirichlet Got to Do with That?](#) · [Tutorial](#)

Quality: 1,033 global accepts · Rating: 2000 · first AC: 2011-11-11 · GNU C++ (first AC) · Tags: dp, games

[tmt514's solution](#)

1567.

39A

[C++ Calculations](#) · [Tutorial](#)

Quality: 794 global accepts · Rating: 2000 · first AC: 2011-11-11 · GNU C++ (first AC) · Tags: expression parsing, greedy

[tmt514's solution](#)

1568.

34E

[Collisions](#) · [Tutorial](#)

Quality: 653 global accepts · Rating: 2000 · first AC: 2011-10-08 · GNU C++ (first AC) · Tags: brute force, implementation, math

[tmt514's solution](#)

1569.

33D

[Knights](#) · [Tutorial](#)

Quality: 1,561 global accepts · Rating: 2000 · first AC: 2011-10-02 · GNU C++ (first AC) · Tags: geometry, graphs, shortest paths, sortings

[tmt514's solution](#)

1570.

117C

[Cycle](#) · [Tutorial](#)

Quality: 2,962 global accepts · Rating: 2000 · first AC: 2011-09-23 · GNU C++ (first AC) · Tags: dfs and similar, graphs

[tmt514's solution](#)

1571.

31D

[Chocolate](#) · [Tutorial](#)

Quality: 1,228 global accepts · Rating: 2000 · first AC: 2011-08-30 · GNU C++ (first AC) · Tags: dfs and similar, implementation

[tmt514's solution](#)

1572.

29D

[Ant on the Tree](#) · [Tutorial](#)

Quality: 2,938 global accepts · Rating: 2000 · first AC: 2011-08-29 · GNU C++ (first AC) · Tags: constructive algorithms, dfs and similar, trees

[tmt514's solution](#)

1573.

27E

[Number With The Given Amount Of Divisors](#) · [Tutorial](#)

Quality: 4,907 global accepts · Rating: 2000 · first AC: 2011-08-21 · last AC: 2011-08-21 · GNU C++ (first AC) · Tags: brute force, dp, number theory

[tmt514's solution](#)

1574.

26C

[Parquet](#) · [Tutorial](#)

Quality: 1,017 global accepts · Rating: 2000 · first AC: 2011-08-20 · GNU C++ (first AC) · Tags: combinatorics, constructive algorithms, greedy, implementation

[tmt514's solution](#)

1575.

21C

[Stripe 2](#) · [Tutorial](#)

Quality: 2,539 global accepts · Rating: 2000 · first AC: 2011-08-05 · GNU C++ (first AC) · Tags: binary search, dp, sortings

[tmt514's solution](#)

1576.

21B

[Intersection](#) · [Tutorial](#)

Quality: 1,583 global accepts · Rating: 2000 · first AC: 2011-08-05 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

1577.

20B

[Equation](#) · [Tutorial](#)

Quality: 4,805 global accepts · Rating: 2000 · first AC: 2011-08-05 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

1578.

18E

[Flag 2](#) · [Tutorial](#)

Quality: 1,269 global accepts · Rating: 2000 · first AC: 2011-08-04 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1579.

18D

[Seller Bob](#) · [Tutorial](#)

Quality: 1,290 global accepts · Rating: 2000 · first AC: 2011-08-04 · GNU C++ (first AC) · Tags: brute force, dp, greedy

[tmt514's solution](#)

1580.

15C

[Industrial Nim](#) · [Tutorial](#)

Quality: 2,838 global accepts · Rating: 2000 · first AC: 2011-08-01 · GNU C++ (first AC) · Tags: games

[tmt514's solution](#)

1581.

13B

[Letter A](#) · [Tutorial](#)

Quality: 1,123 global accepts · Rating: 2000 · first AC: 2011-07-25 · GNU C++ (first AC) · Tags: geometry, implementation

[tmt514's solution](#)

1582.

10C

[Digital Root](#) · [Tutorial](#)

Quality: 1,701 global accepts · Rating: 2000 · first AC: 2011-06-14 · GNU C++ (first AC) · Tags: number theory

[tmt514's solution](#)

1583.

87C

[Interesting Game](#) · [Tutorial](#)

Quality: 1,687 global accepts · Rating: 2000 · first AC: 2011-06-07 · GNU C++ (first AC) · Tags: dp, games, math

[tmt514's solution](#)

1584.

54C

[First Digit Law](#) · [Tutorial](#)

Quality: 1,641 global accepts · Rating: 2000 · first AC: 2011-05-27 · GNU C++ (first AC) · Tags: dp, math, probabilities

[tmt514's solution](#)

1585.

8C

[Looking for Order](#) · [Tutorial](#)

Quality: 4,212 global accepts · Rating: 2000 · first AC: 2011-05-19 · GNU C++ (first AC) · Tags: bitmasks, dp

[tmt514's solution](#)

1586.

82D

[Two out of Three](#) · [Tutorial](#)

Quality: 2,300 global accepts · Rating: 2000 · first AC: 2011-05-06 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1587.

82C

[General Mobilization](#) · [Tutorial](#)

Quality: 871 global accepts · Rating: 2000 · first AC: 2011-05-06 · GNU C++ (first AC) · Tags: data structures, dfs and similar, sortings

[tmt514's solution](#)

1588.

2B

[The least round way](#) · [Tutorial](#)

Quality: 12,948 global accepts · Rating: 2000 · first AC: 2011-03-10 · GNU C++ (first AC) · Tags: dp, math

[tmt514's solution](#)

1589.

66E

[Petya and Post](#) · [Tutorial](#)

Quality: 926 global accepts · Rating: 2000 · first AC: 2011-03-08 · GNU C++ (first AC) · Tags: data structures, dp

[tmt514's solution](#)

1590.

926J

[Segments](#) · [Tutorial](#)

Quality: 570 global accepts · Rating: 2100 · first AC: 2021-11-21 · C++17 (GCC 7-32) (first AC) · Tags: data structures

[tmt514's solution](#)

1591.

1555E

[Boring Segments](#) · [Tutorial](#)

Quality: 4,527 global accepts · Rating: 2100 · first AC: 2021-11-21 · C++17 (GCC 7-32) (first AC) · Tags: data structures, sortings, trees, two pointers

[tmt514's solution](#)

1592.

827C

[DNA Evolution](#) · [Tutorial](#)

Quality: 1,789 global accepts · Rating: 2100 · first AC: 2017-07-11 · C++14 (GCC 6-32) (first AC) · Tags: data structures, strings

[tmt514's solution](#)

1593.

802J2

[Send the Fool Further! \(medium\)](#) · [Tutorial](#)

Quality: 735 global accepts · Rating: 2100 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: dp, trees

[tmt514's solution](#)

1594.

802D1

[Marmots \(easy\)](#) · [Tutorial](#)

Quality: 554 global accepts · Rating: 2100 · first AC: 2017-05-28 · last AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: math

[tmt514's solution](#)

1595.

799D

[Field expansion](#) · [Tutorial](#)

Quality: 2,183 global accepts · Rating: 2100 · first AC: 2017-05-11 · C++14 (GCC 6-32) (first AC) · Tags: brute force, dp, meet-in-the-middle

[tmt514's solution](#)

1596.

703C

[Chris and Road](#) · [Tutorial](#)

Quality: 1,972 global accepts · Rating: 2100 · first AC: 2016-11-26 · C++14 (GCC 6-32) (first AC) · Tags: geometry, implementation

[tmt514's solution](#)

1597.

343D

[Water Tree](#) · [Tutorial](#)

Quality: 6,849 global accepts · Rating: 2100 · first AC: 2016-09-02 · GNU C++11 (first AC) · Tags: data structures, dfs and similar, graphs, trees

[tmt514's solution](#)

1598.

431D

[Random Task](#) · [Tutorial](#)

Quality: 2,873 global accepts · Rating: 2100 · first AC: 2016-08-18 · GNU C++11 (first AC) · Tags: binary search, bitmasks, combinatorics, dp, math

[tmt514's solution](#)

1599.

498C

[Array and Operations](#) · [Tutorial](#)

Quality: 4,189 global accepts · Rating: 2100 · first AC: 2016-07-29 · GNU C++11 (first AC) · Tags: flows, graph matchings, number theory

[tmt514's solution](#)

1600.

486D

[Valid Sets](#) · [Tutorial](#)

Quality: 4,380 global accepts · Rating: 2100 · first AC: 2016-07-15 · GNU C++11 (first AC) · Tags: dfs and similar, dp, math, trees

[tmt514's solution](#)

1601.

355E

[Vasya and Beautiful Arrays](#) · [Tutorial](#)

Rating: 2100 · first AC: 2016-06-11 · GNU C++11 (first AC) · Tags: binary search, brute force, data structures

[tmt514's solution](#)

1602.

575F

[Bulbo](#) · [Tutorial](#)

Quality: 1,105 global accepts · Rating: 2100 · first AC: 2015-09-06 · GNU C++11 (first AC) · Tags: dp, greedy

[tmt514's solution](#)

1603.

571A

[Lengthening Sticks](#) · [Tutorial](#)

Quality: 2,681 global accepts · Rating: 2100 · first AC: 2015-08-22 · GNU C++ (first AC) · Tags: combinatorics, implementation, math

[tmt514's solution](#)

1604.

549H

[Degenerate Matrix](#) · [Tutorial](#)

Quality: 2,092 global accepts · Rating: 2100 · first AC: 2015-06-06 · GNU C++11 (first AC) · Tags: binary search, math

[tmt514's solution](#)

1605.

475C

[Kamal-ol-molk's Painting](#) · [Tutorial](#)

Quality: 834 global accepts · Rating: 2100 · first AC: 2014-10-05 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, greedy

[tmt514's solution](#)

1606.

348B

[Apple Tree](#) · [Tutorial](#)

Quality: 2,283 global accepts · Rating: 2100 · first AC: 2013-12-04 · GNU C++ (first AC) · Tags: dfs and similar, number theory, trees

[tmt514's solution](#)

1607.

354C

[Vasya and Beautiful Arrays](#) · [Tutorial](#)

Quality: 3,332 global accepts · Rating: 2100 · first AC: 2013-11-07 · GNU C++ (first AC) · Tags: brute force, dp, number theory

[tmt514's solution](#)

1608.

333D

[Characteristics of Rectangles](#) · [Tutorial](#)

Quality: 2,239 global accepts · Rating: 2100 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: binary search, bitmasks, brute force, implementation, sortings

[tmt514's solution](#)

1609.

340B

[Maximal Area Quadrilateral](#) · [Tutorial](#)

Quality: 2,314 global accepts · Rating: 2100 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: brute force, geometry

[tmt514's solution](#)

1610.

209B

[Pixels](#) · [Tutorial](#)

Quality: 487 global accepts · Rating: 2100 · first AC: 2012-07-14 · last AC: 2013-07-14 · GNU C++ (first AC) · Tags: constructive algorithms, math

[tmt514's solution](#)

1611.

190E

[Counter Attack](#) · [Tutorial](#)

Quality: 1,740 global accepts · Rating: 2100 · first AC: 2013-07-13 · GNU C++ (first AC) · Tags: data structures, dsu, graphs, hashing, sortings

[tmt514's solution](#)

1612.

215E

[Periodical Numbers](#) · [Tutorial](#)

Quality: 672 global accepts · Rating: 2100 · first AC: 2013-07-13 · GNU C++ (first AC) · Tags: combinatorics, dp, number theory

[tmt514's solution](#)

1613.

254E

[Dormitory](#) · [Tutorial](#)

Quality: 726 global accepts · Rating: 2100 · first AC: 2013-07-05 · GNU C++ (first AC) · Tags: dp, implementation

[tmt514's solution](#)

1614.

228D

[Zigzag](#) · [Tutorial](#)

Quality: 438 global accepts · Rating: 2100 · first AC: 2013-07-01 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1615.

321C

[Ciel the Commander](#) · [Tutorial](#)

Quality: 9,393 global accepts · Rating: 2100 · first AC: 2013-06-28 · GNU C++ (first AC) · Tags: constructive algorithms, dfs and similar, divide and conquer, greedy, trees

[tmt514's solution](#)

1616.

309B

[Context Advertising](#) · [Tutorial](#)

Quality: 818 global accepts · Rating: 2100 · first AC: 2013-06-14 · GNU C++ (first AC) · Tags: dp, two pointers

[tmt514's solution](#)

1617.

313D

[Ilya and Roads](#) · [Tutorial](#)

Quality: 1,691 global accepts · Rating: 2100 · first AC: 2013-06-01 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1618.

231E

[Cactus](#) · [Tutorial](#)

Quality: 2,321 global accepts · Rating: 2100 · first AC: 2013-05-24 · GNU C++ (first AC) · Tags: data structures, dfs and similar, dp, graphs, trees
[tmt514's solution](#)

1619.

215C

[Crosses](#) · [Tutorial](#)

Quality: 719 global accepts · Rating: 2100 · first AC: 2013-05-24 · GNU C++ (first AC) · Tags: brute force, implementation
[tmt514's solution](#)

1620.

301B

[Yaroslav and Time](#) · [Tutorial](#)

Quality: 2,796 global accepts · Rating: 2100 · first AC: 2013-05-21 · GNU C++ (first AC) · Tags: binary search, graphs, shortest paths
[tmt514's solution](#)

1621.

295C

[Greg and Friends](#) · [Tutorial](#)

Quality: 1,939 global accepts · Rating: 2100 · first AC: 2013-05-21 · GNU C++ (first AC) · Tags: combinatorics, dp, graphs, shortest paths
[tmt514's solution](#)

1622.

238C

[World Eater Brothers](#) · [Tutorial](#)

Quality: 1,366 global accepts · Rating: 2100 · first AC: 2013-04-03 · GNU C++ (first AC) · Tags: dfs and similar, dp, greedy, trees
[tmt514's solution](#)

1623.

208E

[Blood Cousins](#) · [Tutorial](#)

Quality: 8,922 global accepts · Rating: 2100 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: binary search, data structures, dfs and similar, trees
[tmt514's solution](#)

1624.

276E

[Little Girl and Problem on Trees](#) · [Tutorial](#)

Quality: 1,859 global accepts · Rating: 2100 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: data structures, graphs, trees
[tmt514's solution](#)

1625.

226D

[The table](#) · [Tutorial](#)

Quality: 1,126 global accepts · Rating: 2100 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[tmt514's solution](#)

1626.

225E

[Unsolvable](#) · [Tutorial](#)

Quality: 902 global accepts · Rating: 2100 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: math, number theory
[tmt514's solution](#)

1627.

283C

[Coin Troubles](#) · [Tutorial](#)

Quality: 1,566 global accepts · Rating: 2100 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1628.

260D

[Black and White Tree](#) · [Tutorial](#)

Quality: 1,665 global accepts · Rating: 2100 · first AC: 2013-03-24 · GNU C++ (first AC) · Tags: constructive algorithms, dsu, graphs, greedy, trees

[tmt514's solution](#)

1629.

269C

[Flawed Flow](#) · [Tutorial](#)

Quality: 1,818 global accepts · Rating: 2100 · first AC: 2013-03-24 · GNU C++ (first AC) · Tags: constructive algorithms, flows, graphs, greedy
[tmt514's solution](#)

1630.

282D

[Yet Another Number Game](#) · [Tutorial](#)

Quality: 1,615 global accepts · Rating: 2100 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: dp, games
[tmt514's solution](#)

1631.

286C

[Main Sequence](#) · [Tutorial](#)

Quality: 1,602 global accepts · Rating: 2100 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: greedy, implementation
[tmt514's solution](#)

1632.

268E

[Playlist](#) · [Tutorial](#)

Quality: 1,137 global accepts · Rating: 2100 · first AC: 2013-02-19 · GNU C++ (first AC) · Tags: math, probabilities, sortings
[tmt514's solution](#)

1633.

266C

[Below the Diagonal](#) · [Tutorial](#)

Quality: 1,429 global accepts · Rating: 2100 · first AC: 2013-02-16 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, math
[tmt514's solution](#)

1634.

220C

[Little Elephant and Shifts](#) · [Tutorial](#)

Quality: 1,037 global accepts · Rating: 2100 · first AC: 2012-11-24 · GNU C++ (first AC) · Tags: data structures
[tmt514's solution](#)

1635.

242D

[Dispute](#) · [Tutorial](#)

Quality: 2,032 global accepts · Rating: 2100 · first AC: 2012-11-16 · GNU C++ (first AC) · Tags: dfs and similar, graphs, greedy
[tmt514's solution](#)

1636.

217B

[Blackboard Fibonacci](#) · [Tutorial](#)

Quality: 1,093 global accepts · Rating: 2100 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: brute force, math
[tmt514's solution](#)

1637.

229D

[Towers](#) · [Tutorial](#)

Quality: 2,619 global accepts · Rating: 2100 · first AC: 2012-11-03 · GNU C++ (first AC) · Tags: dp, greedy, two pointers
[tmt514's solution](#)

1638.

211C

[Cowboys](#) · [Tutorial](#)

Rating: 2100 · first AC: 2012-07-15 · GNU C++ (first AC) · Tags: combinatorics
[tmt514's solution](#)

1639.

178D3

[Magic Squares](#) · [Tutorial](#)

Quality: 271 global accepts · Rating: 2100 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1640.

163C

[Conveyor](#) · [Tutorial](#)

Quality: 611 global accepts · Rating: 2100 · first AC: 2012-03-25 · GNU C++ (first AC) · Tags: sortings, two pointers

[tmt514's solution](#)

1641.

166B

[Polygons](#) · [Tutorial](#)

Quality: 3,028 global accepts · Rating: 2100 · first AC: 2012-03-23 · GNU C++ (first AC) · Tags: geometry, sortings

[tmt514's solution](#)

1642.

165D

[Beard Graph](#) · [Tutorial](#)

Quality: 1,929 global accepts · Rating: 2100 · first AC: 2012-03-17 · GNU C++ (first AC) · Tags: data structures, dsu, trees

[tmt514's solution](#)

1643.

56D

[Changing a String](#) · [Tutorial](#)

Quality: 2,094 global accepts · Rating: 2100 · first AC: 2012-03-03 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1644.

106E

[Space Rescuers](#) · [Tutorial](#)

Quality: 997 global accepts · Rating: 2100 · first AC: 2012-03-03 · GNU C++ (first AC) · Tags: geometry, ternary search

[tmt514's solution](#)

1645.

132B

[Piet](#) · [Tutorial](#)

Quality: 757 global accepts · Rating: 2100 · first AC: 2012-03-02 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1646.

50D

[Bombing](#) · [Tutorial](#)

Quality: 707 global accepts · Rating: 2100 · first AC: 2012-03-02 · GNU C++ (first AC) · Tags: binary search, dp, probabilities

[tmt514's solution](#)

1647.

60C

[Mushroom Strife](#) · [Tutorial](#)

Quality: 654 global accepts · Rating: 2100 · first AC: 2012-03-02 · GNU C++ (first AC) · Tags: brute force, dfs and similar

[tmt514's solution](#)

1648.

132D

[Constants in the language of Shakespeare](#) · [Tutorial](#)

Quality: 724 global accepts · Rating: 2100 · first AC: 2012-03-01 · GNU C++ (first AC) · Tags: constructive algorithms, dp, greedy

[tmt514's solution](#)

1649.

103D

[Time to Raid Cowavans](#) · [Tutorial](#)

Quality: 2,527 global accepts · Rating: 2100 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: brute force, data structures, sortings

[tmt514's solution](#)

1650.

77C

[Beavermuncher-0xFF](#) · [Tutorial](#)

Quality: 1,172 global accepts · Rating: 2100 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: dfs and similar, dp, dsu, greedy, trees

[tmt514's solution](#)

1651.

65C

[Harry Potter and the Golden Snitch](#) · [Tutorial](#)

Quality: 869 global accepts · Rating: 2100 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: binary search, geometry

[tmt514's solution](#)

1652.

128B

[String](#) · [Tutorial](#)

Quality: 2,874 global accepts · Rating: 2100 · first AC: 2012-02-28 · last AC: 2012-02-28 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, hashing, implementation, string suffix structures, strings

[tmt514's solution](#)

1653.

145C

[Lucky Subsequence](#) · [Tutorial](#)

Quality: 2,174 global accepts · Rating: 2100 · first AC: 2012-02-28 · last AC: 2012-02-28 · GNU C++ (first AC) · Tags: combinatorics, dp, math

[tmt514's solution](#)

1654.

111C

[Petya and Spiders](#) · [Tutorial](#)

Quality: 1,583 global accepts · Rating: 2100 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: bitmasks, dp, dsu

[tmt514's solution](#)

1655.

74C

[Chessboard Billiard](#) · [Tutorial](#)

Quality: 1,412 global accepts · Rating: 2100 · first AC: 2012-02-27 · GNU C++ (first AC) · Tags: dfs and similar, dsu, graphs, number theory

[tmt514's solution](#)

1656.

76B

[Mice](#) · [Tutorial](#)

Quality: 801 global accepts · Rating: 2100 · first AC: 2011-11-21 · GNU C++ (first AC) · Tags: greedy, two pointers

[tmt514's solution](#)

1657.

48E

[Ivan the Fool VS Gorynych the Dragon](#) · [Tutorial](#)

Quality: 705 global accepts · Rating: 2100 · first AC: 2011-11-21 · GNU C++ (first AC) · Tags: dp, games, graphs

[tmt514's solution](#)

1658.

39C

[Moon Craters](#) · [Tutorial](#)

Quality: 697 global accepts · Rating: 2100 · first AC: 2011-11-20 · GNU C++ (first AC) · Tags: dp, sortings

[tmt514's solution](#)

1659.

38F

[Smart Boy](#) · [Tutorial](#)

Quality: 446 global accepts · Rating: 2100 · first AC: 2011-10-26 · GNU C++ (first AC) · Tags: dp, games, strings

[tmt514's solution](#)

1660.

35E

[Parade](#) · [Tutorial](#)

Quality: 880 global accepts · Rating: 2100 · first AC: 2011-10-08 · GNU C++ (first AC) · Tags: data structures, sortings

[tmt514's solution](#)

1661.

12E

[Start of the session](#) · [Tutorial](#)

Quality: 1,452 global accepts · Rating: 2100 · first AC: 2011-07-25 · GNU C++ (first AC) · Tags: constructive algorithms

[tmt514's solution](#)

1662.

54D

[Writing a Song](#) · [Tutorial](#)

Quality: 709 global accepts · Rating: 2100 · first AC: 2011-05-27 · GNU C++ (first AC) · Tags: brute force, dp, strings

[tmt514's solution](#)

1663.

5D

[Follow Traffic Rules](#) · [Tutorial](#)

Quality: 1,936 global accepts · Rating: 2100 · first AC: 2011-05-05 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

1664.

81D

[Polycarp's Picture Gallery](#) · [Tutorial](#)

Quality: 805 global accepts · Rating: 2100 · first AC: 2011-05-04 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[tmt514's solution](#)

1665.

1C

[Ancient Berland Circus](#) · [Tutorial](#)

Quality: 6,481 global accepts · Rating: 2100 · first AC: 2011-03-08 · GNU C++ (first AC) · Tags: geometry, math

[tmt514's solution](#)

1666.

1253E

[Antenna Coverage](#) · [Tutorial](#)

Quality: 3,064 global accepts · Rating: 2200 · first AC: 2021-11-22 · C++17 (GCC 7-32) (first AC) · Tags: data structures, dp, greedy, sortings

[tmt514's solution](#)

1667.

802D2

[Marmots \(medium\)](#) · [Tutorial](#)

Quality: 332 global accepts · Rating: 2200 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: math

[tmt514's solution](#)

1668.

802G2

[Fake News \(medium\)](#) · [Tutorial](#)

Quality: 552 global accepts · Rating: 2200 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, strings

[tmt514's solution](#)

1669.

806C

[Prairie Partition](#) · [Tutorial](#)

Rating: 2200 · first AC: 2017-05-07 · C++14 (GCC 6-32) (first AC) · Tags: binary search, greedy

[tmt514's solution](#)

1670.

756C

[Nikita and stack](#) · [Tutorial](#)

Quality: 1,466 global accepts · Rating: 2200 · first AC: 2017-01-22 · C++14 (GCC 6-32) (first AC) · Tags: data structures

[tmt514's solution](#)

1671.

757D

[Felicity's Big Secret Revealed](#) · [Tutorial](#)

Quality: 1,547 global accepts · Rating: 2200 · first AC: 2017-01-12 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, dp

[tmt514's solution](#)

1672.

555C

[Case of Chocolate](#) · [Tutorial](#)

Quality: 2,061 global accepts · Rating: 2200 · first AC: 2016-09-07 · GNU C++11 (first AC) · Tags: data structures

[tmt514's solution](#)

1673.

617E

[XOR and Favorite Number](#) · [Tutorial](#)

Quality: 10,614 global accepts · Rating: 2200 · first AC: 2016-08-12 · GNU C++11 (first AC) · Tags: data structures

[tmt514's solution](#)

1674.

575B

[Bribes](#) · [Tutorial](#)

Quality: 1,239 global accepts · Rating: 2200 · first AC: 2015-09-06 · GNU C++11 (first AC) · Tags: dfs and similar, graphs, trees

[tmt514's solution](#)

1675.

575G

[Run for beer](#) · [Tutorial](#)

Quality: 995 global accepts · Rating: 2200 · first AC: 2015-09-06 · GNU C++11 (first AC) · Tags: dfs and similar, shortest paths

[tmt514's solution](#)

1676.

549G

[Happy Line](#) · [Tutorial](#)

Quality: 2,655 global accepts · Rating: 2200 · first AC: 2015-06-06 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, sortings

[tmt514's solution](#)

1677.

549C

[The Game Of Parity](#) · [Tutorial](#)

Quality: 1,827 global accepts · Rating: 2200 · first AC: 2015-06-06 · GNU C++11 (first AC) · Tags: games

[tmt514's solution](#)

1678.

538E

[Demiurges Play Again](#) · [Tutorial](#)

Quality: 1,639 global accepts · Rating: 2200 · first AC: 2015-04-26 · GNU C++11 (first AC) · Tags: dfs and similar, dp, math, trees

[tmt514's solution](#)

1679.

538F

[A Heap of Heaps](#) · [Tutorial](#)

Quality: 1,861 global accepts · Rating: 2200 · first AC: 2015-04-26 · GNU C++11 (first AC) · Tags: brute force, data structures, math, sortings

[tmt514's solution](#)

1680.

461C

[Appleman and a Sheet of Paper](#) · [Tutorial](#)

Quality: 1,393 global accepts · Rating: 2200 · first AC: 2014-08-26 · GNU C++ (first AC) · Tags: data structures, implementation

[tmt514's solution](#)

1681.

406D

[Hill Climbing](#) · [Tutorial](#)

Quality: 1,281 global accepts · Rating: 2200 · first AC: 2014-03-22 · GNU C++ (first AC) · Tags: dfs and similar, geometry, trees

[tmt514's solution](#)

1682.

351E

[Jeff and Permutation](#) · [Tutorial](#)

Quality: 1,793 global accepts · Rating: 2200 · first AC: 2013-10-10 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1683.

76A

[Gift](#) · [Tutorial](#)

Quality: 2,263 global accepts · Rating: 2200 · first AC: 2013-07-16 · GNU C++ (first AC) · Tags: dsu, graphs, sortings, trees

[tmt514's solution](#)

1684.

316C1

[Tidying Up](#) · [Tutorial](#)

Quality: 592 global accepts · Rating: 2200 · first AC: 2013-06-16 · GNU C++ (first AC) · Tags: flows

[tmt514's solution](#)

1685.

271E

[Three Horses](#) · [Tutorial](#)

Quality: 598 global accepts · Rating: 2200 · first AC: 2013-06-07 · GNU C++ (first AC) · Tags: constructive algorithms, math, number theory

[tmt514's solution](#)

1686.

245G

[Suggested Friends](#) · [Tutorial](#)

Quality: 545 global accepts · Rating: 2200 · first AC: 2013-06-06 · GNU C++ (first AC) · Tags: brute force, graphs

[tmt514's solution](#)

1687.

279D

[The Minimum Number of Variables](#) · [Tutorial](#)

Quality: 856 global accepts · Rating: 2200 · first AC: 2013-05-24 · GNU C++ (first AC) · Tags: bitmasks, dp

[tmt514's solution](#)

1688.

196C

[Paint Tree](#) · [Tutorial](#)

Quality: 1,042 global accepts · Rating: 2200 · first AC: 2013-05-24 · GNU C++ (first AC) · Tags: constructive algorithms, divide and conquer, geometry, sortings, trees

[tmt514's solution](#)

1689.

219E

[Parking Lot](#) · [Tutorial](#)

Quality: 697 global accepts · Rating: 2200 · first AC: 2013-05-22 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1690.

225D

[Snake](#) · [Tutorial](#)

Quality: 1,049 global accepts · Rating: 2200 · first AC: 2013-05-22 · GNU C++ (first AC) · Tags: bitmasks, dfs and similar, graphs, implementation

[tmt514's solution](#)

1691.

274D

[Lovely Matrix](#) · [Tutorial](#)

Quality: 1,155 global accepts · Rating: 2200 · first AC: 2013-05-21 · GNU C++ (first AC) · Tags: dfs and similar, graphs, greedy, sortings

[tmt514's solution](#)

1692.

301D

[Yaroslav and Divisors](#) · [Tutorial](#)

Quality: 3,022 global accepts · Rating: 2200 · first AC: 2013-05-21 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1693.

280C

[Game on Tree](#) · [Tutorial](#)

Quality: 5,130 global accepts · Rating: 2200 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: implementation, math, probabilities, trees

[tmt514's solution](#)

1694.

282E

[Sausage Maximization](#) · [Tutorial](#)

Quality: 4,328 global accepts · Rating: 2200 · first AC: 2013-03-24 · GNU C++ (first AC) · Tags: bitmasks, data structures, trees

[tmt514's solution](#)

1695.

286B

[Shifting](#) · [Tutorial](#)

Quality: 1,172 global accepts · Rating: 2200 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1696.

272E

[Dima and Horses](#) · [Tutorial](#)

Quality: 1,296 global accepts · Rating: 2200 · first AC: 2013-02-14 · GNU C++ (first AC) · Tags: combinatorics, constructive algorithms, graphs

[tmt514's solution](#)

1697.

273C

[Dima and Horses](#) · [Tutorial](#)

Rating: 2200 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: graphs, greedy

[tmt514's solution](#)

1698.

243C

[Colorado Potato Beetle](#) · [Tutorial](#)

Quality: 563 global accepts · Rating: 2200 · first AC: 2012-11-16 · GNU C++ (first AC) · Tags: dfs and similar, implementation

[tmt514's solution](#)

1699.

191E

[Thwarting Demonstrations](#) · [Tutorial](#)

Quality: 959 global accepts · Rating: 2200 · first AC: 2012-05-27 · GNU C++ (first AC) · Tags: binary search, data structures, trees

[tmt514's solution](#)

1700.

64G

[Path Canonization](#) · [Tutorial](#)

Quality: 129 global accepts · Rating: 2200 · first AC: 2012-05-21 · Tcl (first AC) · Tags: *special

[tmt514's solution](#)

1701.

178F2

[Representative Sampling](#) · [Tutorial](#)

Quality: 384 global accepts · Rating: 2200 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: dp, sortings, strings

[tmt514's solution](#)

1702.

183C

[Cyclic Coloring](#) · [Tutorial](#)

Quality: 727 global accepts · Rating: 2200 · first AC: 2012-04-27 · GNU C++ (first AC) · Tags: dfs and similar

[tmt514's solution](#)

1703.

182A

[Battlefield](#) · [Tutorial](#)

Quality: 349 global accepts · Rating: 2200 · first AC: 2012-04-25 · GNU C++ (first AC) · Tags: geometry, graphs, implementation, shortest paths

[tmt514's solution](#)

1704.

172E

[BHTML+BCSS](#) · [Tutorial](#)

Quality: 283 global accepts · Rating: 2200 · first AC: 2012-04-04 · GNU C++ (first AC) · Tags: *special, dfs and similar, expression parsing

[tmt514's solution](#)

1705.

165E

[Compatible Numbers](#) · [Tutorial](#)

Quality: 9,385 global accepts · Rating: 2200 · first AC: 2012-03-17 · GNU C++ (first AC) · Tags: bitmasks, brute force, dfs and similar, dp

[tmt514's solution](#)

1706.

71E

[Nuclear Fusion](#) · [Tutorial](#)

Quality: 943 global accepts · Rating: 2200 · first AC: 2012-03-14 · GNU C++ (first AC) · Tags: bitmasks, dp

[tmt514's solution](#)

1707.

125D

[Two progressions](#) · [Tutorial](#)

Quality: 439 global accepts · Rating: 2200 · first AC: 2012-03-14 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[tmt514's solution](#)

1708.

86D

[Powerful array](#) · [Tutorial](#)

Quality: 16,876 global accepts · Rating: 2200 · first AC: 2012-03-13 · last AC: 2012-03-13 · GNU C++ (first AC) · Tags: data structures, implementation, math, two pointers

[tmt514's solution](#)

1709.

71D

[Solitaire](#) · [Tutorial](#)

Quality: 769 global accepts · Rating: 2200 · first AC: 2012-03-11 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

1710.

105C

[Item World](#) · [Tutorial](#)

Quality: 391 global accepts · Rating: 2200 · first AC: 2012-03-11 · GNU C++ (first AC) · Tags: brute force, implementation, sortings

[tmt514's solution](#)

1711.

73D

[FreeDiv](#) · [Tutorial](#)

Quality: 755 global accepts · Rating: 2200 · first AC: 2012-03-09 · GNU C++ (first AC) · Tags: dfs and similar, graphs, greedy

[tmt514's solution](#)

1712.

144E

[Competition](#) · [Tutorial](#)

Quality: 682 global accepts · Rating: 2200 · first AC: 2012-03-09 · GNU C++ (first AC) · Tags: data structures, greedy

[tmt514's solution](#)

1713.

68C

[Synchrotron](#) · [Tutorial](#)

Quality: 353 global accepts · Rating: 2200 · first AC: 2012-03-09 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

1714.

65D

[Harry Potter and the Sorting Hat](#) · [Tutorial](#)

Quality: 480 global accepts · Rating: 2200 · first AC: 2012-03-06 · GNU C++ (first AC) · Tags: brute force, dfs and similar, hashing

[tmt514's solution](#)

1715.

134C

[Swaps](#) · [Tutorial](#)

Quality: 576 global accepts · Rating: 2200 · first AC: 2012-03-03 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, greedy

[tmt514's solution](#)

1716.

56E

[Domino Principle](#) · [Tutorial](#)

Quality: 2,840 global accepts · Rating: 2200 · first AC: 2012-03-03 · GNU C++ (first AC) · Tags: binary search, data structures, sortings

[tmt514's solution](#)

1717.

51D

[Geometrical problem](#) · [Tutorial](#)

Quality: 563 global accepts · Rating: 2200 · first AC: 2012-03-03 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1718.

52C

[Circular RMQ](#) · [Tutorial](#)

Quality: 11,249 global accepts · Rating: 2200 · first AC: 2012-03-03 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1719.

150C

[Smart Cheater](#) · [Tutorial](#)

Quality: 746 global accepts · Rating: 2200 · first AC: 2012-03-02 · GNU C++ (first AC) · Tags: data structures, math, probabilities

[tmt514's solution](#)

1720.

138C

[Mushroom Gnomes - 2](#) · [Tutorial](#)

Quality: 963 global accepts · Rating: 2200 · first AC: 2012-03-02 · GNU C++ (first AC) · Tags: binary search, data structures, probabilities, sortings

[tmt514's solution](#)

1721.

113C

[Double Happiness](#) · [Tutorial](#)

Quality: 1,451 global accepts · Rating: 2200 · first AC: 2012-03-01 · GNU C++ (first AC) · Tags: brute force, math, number theory

[tmt514's solution](#)

1722.

70C

[Lucky Tickets](#) · [Tutorial](#)

Quality: 632 global accepts · Rating: 2200 · first AC: 2012-03-01 · GNU C++ (first AC) · Tags: binary search, data structures, sortings, two pointers

[tmt514's solution](#)

1723.

45G

[Prime Problem](#) · [Tutorial](#)

Quality: 1,221 global accepts · Rating: 2200 · first AC: 2012-02-28 · GNU C++ (first AC) · Tags: number theory

[tmt514's solution](#)

1724.

45B

[School](#) · [Tutorial](#)

Quality: 320 global accepts · Rating: 2200 · first AC: 2011-12-15 · GNU C++ (first AC) · Tags: dp, dsu

[tmt514's solution](#)

1725.

47D

[Safe](#) · [Tutorial](#)

Quality: 974 global accepts · Rating: 2200 · first AC: 2011-12-02 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

1726.

42C

[Safe cracking](#) · [Tutorial](#)

Quality: 567 global accepts · Rating: 2200 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: brute force, constructive algorithms

[tmt514's solution](#)

1727.

120I

[Luck is in Numbers](#) · [Tutorial](#)

Quality: 316 global accepts · Rating: 2200 · first AC: 2011-10-18 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1728.

115C

[Plumber](#) · [Tutorial](#)

Quality: 677 global accepts · Rating: 2200 · first AC: 2011-09-15 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

1729.

28C

[Bath Queue](#) · [Tutorial](#)

Quality: 1,288 global accepts · Rating: 2200 · first AC: 2011-08-22 · GNU C++ (first AC) · Tags: combinatorics, dp, probabilities

[tmt514's solution](#)

1730.

27D

[Ring Road 2](#) · [Tutorial](#)

Quality: 3,092 global accepts · Rating: 2200 · first AC: 2011-08-21 · GNU C++ (first AC) · Tags: 2-sat, dfs and similar, dsu, graphs

[tmt514's solution](#)

1731.

25E

[Test](#) · [Tutorial](#)

Quality: 3,158 global accepts · Rating: 2200 · first AC: 2011-08-19 · GNU C++ (first AC) · Tags: hashing, strings

[tmt514's solution](#)

1732.

19C

[Deletion of Repeats](#) · [Tutorial](#)

Quality: 1,325 global accepts · Rating: 2200 · first AC: 2011-08-04 · GNU C++ (first AC) · Tags: greedy, hashing, string suffix structures

[tmt514's solution](#)

1733.

13C

[Sequence](#) · [Tutorial](#)

Quality: 5,469 global accepts · Rating: 2200 · first AC: 2011-07-25 · GNU C++ (first AC) · Tags: dp, sortings

[tmt514's solution](#)

1734.

11D

[A Simple Task](#) · [Tutorial](#)

Quality: 6,390 global accepts · Rating: 2200 · first AC: 2011-07-18 · last AC: 2011-07-18 · GNU C++ (first AC) · Tags: bitmasks, dp, graphs

[tmt514's solution](#)

1735.

11C

[How Many Squares?](#) · [Tutorial](#)

Quality: 691 global accepts · Rating: 2200 · first AC: 2011-07-18 · GNU C++ (first AC) · Tags: implementation

[tmt514's solution](#)

1736.

86B

[Tetris revisited](#) · [Tutorial](#)

Quality: 453 global accepts · Rating: 2200 · first AC: 2011-05-22 · GNU C++ (first AC) · Tags: constructive algorithms, graph matchings, greedy, math

[tmt514's solution](#)

1737.

85C

[Petya and Tree](#) · [Tutorial](#)

Quality: 619 global accepts · Rating: 2200 · first AC: 2011-05-20 · GNU C++ (first AC) · Tags: binary search, dfs and similar, probabilities, sortings, trees

[tmt514's solution](#)

1738.

7D

[Palindrome Degree](#) · [Tutorial](#)

Quality: 4,478 global accepts · Rating: 2200 · first AC: 2011-05-12 · GNU C++ (first AC) · Tags: hashing, strings

[tmt514's solution](#)

1739.

36C

[Bowls](#) · [Tutorial](#)

Quality: 380 global accepts · Rating: 2200 · first AC: 2010-10-19 · GNU C++ (first AC) · Tags: geometry, implementation

[tmt514's solution](#)

1740.

1780F

[Three Chairs](#) · [Tutorial](#)

Quality: 1,906 global accepts · Rating: 2300 · first AC: 2023-01-29 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, brute force, combinatorics, data structures, dp, number theory, sortings

[tmt514's solution](#)

1741.

566A

[Matching Names](#) · [Tutorial](#)

Quality: 1,064 global accepts · Rating: 2300 · first AC: 2021-11-13 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, strings, trees

[tmt514's solution](#)

1742.

1015F

[Bracket Substring](#) · [Tutorial](#)

Quality: 1,477 global accepts · Rating: 2300 · first AC: 2021-09-06 · C++17 (GCC 7-32) (first AC) · Tags: dp, strings

[tmt514's solution](#)

1743.

936C

[Lock Puzzle](#) · [Tutorial](#)

Quality: 1,259 global accepts · Rating: 2300 · first AC: 2018-02-25 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation, strings

[tmt514's solution](#)

1744.

802G3

[Fake News \(hard\)](#) · [Tutorial](#)

Quality: 1,838 global accepts · Rating: 2300 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: string suffix structures

[tmt514's solution](#)

1745.

808E

[Selling Souvenirs](#) · [Tutorial](#)

Quality: 2,191 global accepts · Rating: 2300 · first AC: 2017-05-15 · C++14 (GCC 6-32) (first AC) · Tags: binary search, dp, greedy, ternary search

[tmt514's solution](#)

1746.

438D

[The Child and Sequence](#) · [Tutorial](#)

Quality: 11,602 global accepts · Rating: 2300 · first AC: 2016-09-21 · GNU C++11 (first AC) · Tags: data structures, math

[tmt514's solution](#)

1747.

558E

[A Simple Task](#) · [Tutorial](#)

Quality: 7,402 global accepts · Rating: 2300 · first AC: 2016-08-28 · GNU C++11 (first AC) · Tags: data structures, sortings, strings

[tmt514's solution](#)

1748.

547C

[Mike and Foam](#) · [Tutorial](#)

Quality: 3,401 global accepts · Rating: 2300 · first AC: 2016-08-25 · GNU C++11 (first AC) · Tags: bitmasks, combinatorics, dp, math, number theory

[tmt514's solution](#)

1749.

573C

[Bear and Drawing](#) · [Tutorial](#)

Quality: 1,040 global accepts · Rating: 2300 · first AC: 2015-08-29 · GNU C++11 (first AC) · Tags: constructive algorithms, dfs and similar, trees

[tmt514's solution](#)

1750.

549B

[Lookserly Party](#) · [Tutorial](#)

Quality: 1,586 global accepts · Rating: 2300 · first AC: 2015-06-06 · GNU C++11 (first AC) · Tags: constructive algorithms, dfs and similar, graphs, greedy

[tmt514's solution](#)

1751.

512C

[Fox And Dinner](#) · [Tutorial](#)

Rating: 2300 · first AC: 2015-02-02 · GNU C++ (first AC) · Tags: flows, graph matchings

[tmt514's solution](#)

1752.

470H

[Array Sorting](#) · [Tutorial](#)

Quality: 194 global accepts · Rating: 2300 · first AC: 2014-09-13 · FALSE (first AC) · Tags: *special

[tmt514's solution](#)

1753.

470G

[Hamming Distance](#) · [Tutorial](#)

Quality: 131 global accepts · Rating: 2300 · first AC: 2014-09-13 · FALSE (first AC) · Tags: *special

[tmt514's solution](#)

1754.

470F

[Pairwise Sums](#) · [Tutorial](#)

Quality: 114 global accepts · Rating: 2300 · first AC: 2014-09-13 · FALSE (first AC) · Tags: *special

[tmt514's solution](#)

1755.

424D

[Biathlon Track](#) · [Tutorial](#)

Quality: 610 global accepts · Rating: 2300 · first AC: 2014-04-27 · GNU C++ (first AC) · Tags: binary search, brute force, constructive algorithms, data structures, dp

[tmt514's solution](#)

1756.

316E3

[Summer Homework](#) · [Tutorial](#)

Quality: 572 global accepts · Rating: 2300 · first AC: 2014-03-30 · GNU C++ (first AC) · Tags: data structures, math

[tmt514's solution](#)

1757.

316E2

[Summer Homework](#) · [Tutorial](#)

Quality: 432 global accepts · Rating: 2300 · first AC: 2014-03-30 · GNU C++ (first AC) · Tags: data structures, math

[tmt514's solution](#)

1758.

406C

[Graph Cutting](#) · [Tutorial](#)

Rating: 2300 · first AC: 2014-03-22 · GNU C++ (first AC) · Tags: constructive algorithms, dfs and similar, graphs

[tmt514's solution](#)

1759.

316D1

[PE Lesson](#) · [Tutorial](#)

Quality: 607 global accepts · Rating: 2300 · first AC: 2013-07-15 · GNU C++ (first AC) · Tags: brute force, dp
[tmt514's solution](#)

1760.

316D2

[PE Lesson](#) · [Tutorial](#)

Quality: 544 global accepts · Rating: 2300 · first AC: 2013-07-15 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1761.

76F

[Tourist](#) · [Tutorial](#)

Quality: 771 global accepts · Rating: 2300 · first AC: 2013-07-15 · GNU C++ (first AC) · Tags: binary search, data structures, dp
[tmt514's solution](#)

1762.

213D

[Stars](#) · [Tutorial](#)

Quality: 363 global accepts · Rating: 2300 · first AC: 2013-07-15 · GNU C++ (first AC) · Tags: constructive algorithms, geometry
[tmt514's solution](#)

1763.

294E

[Shaass the Great](#) · [Tutorial](#)

Quality: 1,114 global accepts · Rating: 2300 · first AC: 2013-06-21 · last AC: 2013-06-21 · GNU C++ (first AC) · Tags: dp, trees
[tmt514's solution](#)

1764.

316C2

[Tidying Up](#) · [Tutorial](#)

Quality: 668 global accepts · Rating: 2300 · first AC: 2013-06-16 · GNU C++ (first AC) · Tags: flows, graph matchings
[tmt514's solution](#)

1765.

317D

[Game with Powers](#) · [Tutorial](#)

Quality: 1,257 global accepts · Rating: 2300 · first AC: 2013-06-15 · GNU C++ (first AC) · Tags: dp, games
[tmt514's solution](#)

1766.

313E

[Ilya and Two Numbers](#) · [Tutorial](#)

Quality: 599 global accepts · Rating: 2300 · first AC: 2013-06-11 · GNU C++ (first AC) · Tags: constructive algorithms, data structures, dsu, greedy
[tmt514's solution](#)

1767.

300E

[Empire Strikes Back](#) · [Tutorial](#)

Quality: 1,105 global accepts · Rating: 2300 · first AC: 2013-06-06 · last AC: 2013-06-06 · GNU C++ (first AC) · Tags: binary search, math, number theory
[tmt514's solution](#)

1768.

277B

[Set of Points](#) · [Tutorial](#)

Quality: 847 global accepts · Rating: 2300 · first AC: 2013-03-25 · GNU C++ (first AC) · Tags: constructive algorithms, geometry
[tmt514's solution](#)

1769.

64H

[Table Bowling](#) · [Tutorial](#)

Quality: 122 global accepts · Rating: 2300 · first AC: 2012-05-21 · Tcl (first AC) · Tags: *special, sortings

[tmt514's solution](#)

1770.

178E3

[The Beaver's Problem - 2](#) · [Tutorial](#)

Quality: 214 global accepts · Rating: 2300 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1771.

180B

[Divisibility Rules](#) · [Tutorial](#)

Quality: 465 global accepts · Rating: 2300 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: math, number theory

[tmt514's solution](#)

1772.

167C

[Wizards and Numbers](#) · [Tutorial](#)

Quality: 740 global accepts · Rating: 2300 · first AC: 2012-03-27 · GNU C++ (first AC) · Tags: games, math

[tmt514's solution](#)

1773.

141E

[Clearing Up](#) · [Tutorial](#)

Quality: 1,366 global accepts · Rating: 2300 · first AC: 2012-03-14 · GNU C++ (first AC) · Tags: constructive algorithms, dp, dsu, graphs

[tmt514's solution](#)

1774.

123D

[String](#) · [Tutorial](#)

Quality: 1,431 global accepts · Rating: 2300 · first AC: 2012-03-14 · GNU C++ (first AC) · Tags: string suffix structures

[tmt514's solution](#)

1775.

78D

[Archer's Shot](#) · [Tutorial](#)

Quality: 373 global accepts · Rating: 2300 · first AC: 2012-03-14 · GNU C++ (first AC) · Tags: binary search, geometry, math, two pointers

[tmt514's solution](#)

1776.

141D

[Take-off Ramps](#) · [Tutorial](#)

Quality: 1,212 global accepts · Rating: 2300 · first AC: 2012-03-14 · GNU C++ (first AC) · Tags: graphs, shortest paths

[tmt514's solution](#)

1777.

97B

[Superset](#) · [Tutorial](#)

Quality: 1,000 global accepts · Rating: 2300 · first AC: 2012-03-13 · GNU C++ (first AC) · Tags: constructive algorithms, divide and conquer

[tmt514's solution](#)

1778.

62C

[Inquisition](#) · [Tutorial](#)

Quality: 337 global accepts · Rating: 2300 · first AC: 2012-03-13 · GNU C++ (first AC) · Tags: geometry, implementation, sortings

[tmt514's solution](#)

1779.

101D

[Castle](#) · [Tutorial](#)

Quality: 790 global accepts · Rating: 2300 · first AC: 2012-03-12 · GNU C++ (first AC) · Tags: dp, greedy, probabilities, sortings, trees

[tmt514's solution](#)

1780.

77D

[Domino Carpet](#) · [Tutorial](#)

Quality: 363 global accepts · Rating: 2300 · first AC: 2012-03-12 · GNU C++ (first AC) · Tags: dp, implementation

[tmt514's solution](#)

1781.

111D

[Petya and Coloring](#) · [Tutorial](#)

Quality: 901 global accepts · Rating: 2300 · first AC: 2012-03-12 · GNU C++ (first AC) · Tags: combinatorics, dp

[tmt514's solution](#)

1782.

62D

[Wormhouse](#) · [Tutorial](#)

Quality: 449 global accepts · Rating: 2300 · first AC: 2012-03-12 · GNU C++ (first AC) · Tags: dfs and similar, graphs

[tmt514's solution](#)

1783.

160D

[Edges in MST](#) · [Tutorial](#)

Quality: 3,350 global accepts · Rating: 2300 · first AC: 2012-03-12 · GNU C++ (first AC) · Tags: dfs and similar, dsu, graphs, sortings

[tmt514's solution](#)

1784.

50E

[Square Equation Roots](#) · [Tutorial](#)

Quality: 432 global accepts · Rating: 2300 · first AC: 2012-03-11 · GNU C++ (first AC) · Tags: math

[tmt514's solution](#)

1785.

149E

[Martian Strings](#) · [Tutorial](#)

Quality: 2,516 global accepts · Rating: 2300 · first AC: 2012-03-07 · GNU C++ (first AC) · Tags: string suffix structures, strings

[tmt514's solution](#)

1786.

123C

[Brackets](#) · [Tutorial](#)

Quality: 721 global accepts · Rating: 2300 · first AC: 2012-03-07 · GNU C++ (first AC) · Tags: combinatorics, dp, greedy

[tmt514's solution](#)

1787.

126D

[Fibonacci Sums](#) · [Tutorial](#)

Quality: 946 global accepts · Rating: 2300 · first AC: 2012-03-03 · GNU C++ (first AC) · Tags: dp, math

[tmt514's solution](#)

1788.

89B

[Widget Library](#) · [Tutorial](#)

Quality: 610 global accepts · Rating: 2300 · first AC: 2012-03-02 · GNU C++ (first AC) · Tags: dp, expression parsing, graphs, implementation

[tmt514's solution](#)

1789.

89C

[Chip Play](#) · [Tutorial](#)

Quality: 688 global accepts · Rating: 2300 · first AC: 2012-03-02 · GNU C++ (first AC) · Tags: brute force, data structures, implementation

[tmt514's solution](#)

1790.

91C

[Ski Base](#) · [Tutorial](#)

Quality: 1,011 global accepts · Rating: 2300 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: combinatorics, dsu, graphs

[tmt514's solution](#)

1791.

154C

[Double Profiles](#) · [Tutorial](#)

Quality: 3,318 global accepts · Rating: 2300 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: graphs, hashing, sortings

[tmt514's solution](#)

1792.

142C

[Help Caretaker](#) · [Tutorial](#)

Quality: 997 global accepts · Rating: 2300 · first AC: 2012-01-12 · GNU C++ (first AC) · Tags: brute force, dp

[tmt514's solution](#)

1793.

49E

[Common ancestor](#) · [Tutorial](#)

Quality: 798 global accepts · Rating: 2300 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1794.

46F

[Hercule Poirot Problem](#) · [Tutorial](#)

Quality: 358 global accepts · Rating: 2300 · first AC: 2011-12-02 · GNU C++ (first AC) · Tags: dsu, graphs

[tmt514's solution](#)

1795.

44I

[Toys](#) · [Tutorial](#)

Quality: 231 global accepts · Rating: 2300 · first AC: 2011-11-30 · GNU C++ (first AC) · Tags: brute force, combinatorics

[tmt514's solution](#)

1796.

43E

[Race](#) · [Tutorial](#)

Quality: 446 global accepts · Rating: 2300 · first AC: 2011-11-27 · GNU C++ (first AC) · Tags: brute force, implementation, two pointers

[tmt514's solution](#)

1797.

42D

[Strange town](#) · [Tutorial](#)

Quality: 485 global accepts · Rating: 2300 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: constructive algorithms, math

[tmt514's solution](#)

1798.

40C

[Berland Square](#) · [Tutorial](#)

Quality: 326 global accepts · Rating: 2300 · first AC: 2011-11-09 · GNU C++ (first AC) · Tags: implementation, math

[tmt514's solution](#)

1799.

38G

[Queue](#) · [Tutorial](#)

Quality: 808 global accepts · Rating: 2300 · first AC: 2011-11-08 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1800.

37D

[Lesson Timetable](#) · [Tutorial](#)

Quality: 555 global accepts · Rating: 2300 · first AC: 2011-10-21 · GNU C++ (first AC) · Tags: combinatorics, dp, math

[tmt514's solution](#)

1801.

36D

[New Game with a Chess Piece](#) · [Tutorial](#)

Quality: 769 global accepts · Rating: 2300 · first AC: 2011-10-12 · GNU C++ (first AC) · Tags: games

[tmt514's solution](#)

1802.

24E

[Berland collider](#) · [Tutorial](#)

Quality: 1,025 global accepts · Rating: 2300 · first AC: 2011-08-17 · GNU C++ (first AC) · Tags: binary search

[tmt514's solution](#)

1803.

22E

[Scheme](#) · [Tutorial](#)

Quality: 2,080 global accepts · Rating: 2300 · first AC: 2011-08-06 · GNU C++ (first AC) · Tags: dfs and similar, graphs, trees

[tmt514's solution](#)

1804.

9E

[Interesting graph and Apples](#) · [Tutorial](#)

Quality: 1,162 global accepts · Rating: 2300 · first AC: 2011-06-12 · GNU C++ (first AC) · Tags: dfs and similar, dsu, graphs

[tmt514's solution](#)

1805.

87D

[Beautiful Road](#) · [Tutorial](#)

Quality: 1,055 global accepts · Rating: 2300 · first AC: 2011-06-08 · GNU C++ (first AC) · Tags: dfs and similar, dp, dsu, graphs, implementation, sortings, trees

[tmt514's solution](#)

1806.

85D

[Sum of Medians](#) · [Tutorial](#)

Quality: 2,419 global accepts · Rating: 2300 · first AC: 2011-05-20 · GNU C++ (first AC) · Tags: binary search, brute force, data structures, implementation

[tmt514's solution](#)

1807.

1780E

[Josuke and Complete Graph](#) · [Tutorial](#)

Quality: 1,728 global accepts · Rating: 2400 · first AC: 2023-01-29 · C++17 (GCC 7-32) (first AC) · Tags: binary search, brute force, data structures, math, number theory

[tmt514's solution](#)

1808.

1142C

[U2](#) · [Tutorial](#)

Quality: 1,547 global accepts · Rating: 2400 · first AC: 2021-12-05 · C++17 (GCC 9-64) (first AC) · Tags: geometry

[tmt514's solution](#)

1809.

913E

[Logical Expression](#) · [Tutorial](#)

Quality: 884 global accepts · Rating: 2400 · first AC: 2018-01-08 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, dp, shortest paths

[tmt514's solution](#)

1810.

802J3

[Send the Fool Further! \(hard\)](#) · [Tutorial](#)

Quality: 369 global accepts · Rating: 2400 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, dp, math, trees

[tmt514's solution](#)

1811.

802M2

[April Fools' Problem \(medium\)](#) · [Tutorial](#)

Quality: 1,488 global accepts · Rating: 2400 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: binary search, flows, graphs

[tmt514's solution](#)

1812.

756D

[Bacterial Melee](#) · [Tutorial](#)

Quality: 1,084 global accepts · Rating: 2400 · first AC: 2017-01-22 · C++14 (GCC 6-32) (first AC) · Tags: brute force, combinatorics, dp, string suffix structures

[tmt514's solution](#)

1813.

755E

[PolandBall and White-Red graph](#) · [Tutorial](#)

Quality: 917 global accepts · Rating: 2400 · first AC: 2017-01-15 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, graphs, shortest paths

[tmt514's solution](#)

1814.

513D1

[Constrained Tree](#) · [Tutorial](#)

Quality: 648 global accepts · Rating: 2400 · first AC: 2015-02-07 · GNU C++ (first AC) · Tags: dfs and similar

[tmt514's solution](#)

1815.

418C

[Square Table](#) · [Tutorial](#)

Rating: 2400 · first AC: 2014-04-17 · GNU C++ (first AC) · Tags: constructive algorithms, dp, math

[tmt514's solution](#)

1816.

329C

[Graph Reconstruction](#) · [Tutorial](#)

Quality: 1,010 global accepts · Rating: 2400 · first AC: 2013-07-20 · GNU C++ (first AC) · Tags: constructive algorithms

[tmt514's solution](#)

1817.

331C2

[The Great Julia Calendar](#) · [Tutorial](#)

Quality: 440 global accepts · Rating: 2400 · first AC: 2013-07-18 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1818.

316D3

[PE Lesson](#) · [Tutorial](#)

Quality: 710 global accepts · Rating: 2400 · first AC: 2013-07-15 · GNU C++ (first AC) · Tags: dp, math

[tmt514's solution](#)

1819.

283D

[Cows and Cool Sequences](#) · [Tutorial](#)

Quality: 641 global accepts · Rating: 2400 · first AC: 2013-07-05 · GNU C++ (first AC) · Tags: dp, math, number theory

[tmt514's solution](#)

1820.

258E

[Little Elephant and Tree](#) · [Tutorial](#)

Quality: 1,319 global accepts · Rating: 2400 · first AC: 2013-06-30 · GNU C++ (first AC) · Tags: data structures, dfs and similar, trees

[tmt514's solution](#)

1821.

311B

[Cats Transport](#) · [Tutorial](#)

Quality: 4,302 global accepts · Rating: 2400 · first AC: 2013-06-28 · last AC: 2013-06-28 · GNU C++ (first AC) · Tags: data structures, dp

[tmt514's solution](#)

1822.

256E

[Lucky Arrays](#) · [Tutorial](#)

Quality: 714 global accepts · Rating: 2400 · first AC: 2013-06-21 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1823.

246E

[Blood Cousins Return](#) · [Tutorial](#)

Quality: 4,519 global accepts · Rating: 2400 · first AC: 2013-06-16 · GNU C++ (first AC) · Tags: binary search, data structures, dfs and similar, dp, sortings

[tmt514's solution](#)

1824.

220E

[Little Elephant and Inversions](#) · [Tutorial](#)

Quality: 1,716 global accepts · Rating: 2400 · first AC: 2013-06-12 · GNU C++ (first AC) · Tags: data structures, two pointers

[tmt514's solution](#)

1825.

277C

[Game](#) · [Tutorial](#)

Quality: 491 global accepts · Rating: 2400 · first AC: 2013-06-12 · GNU C++ (first AC) · Tags: games, implementation

[tmt514's solution](#)

1826.

288D

[Polo the Penguin and Trees](#) · [Tutorial](#)

Quality: 838 global accepts · Rating: 2400 · first AC: 2013-06-06 · GNU C++ (first AC) · Tags: combinatorics, dfs and similar, trees

[tmt514's solution](#)

1827.

226C

[Anniversary](#) · [Tutorial](#)

Quality: 1,017 global accepts · Rating: 2400 · first AC: 2013-06-01 · GNU C++ (first AC) · Tags: data structures, implementation, math, matrices, number theory

[tmt514's solution](#)

1828.

297C

[Splitting the Uniqueness](#) · [Tutorial](#)

Quality: 1,020 global accepts · Rating: 2400 · first AC: 2013-06-01 · GNU C++ (first AC) · Tags: constructive algorithms

[tmt514's solution](#)

1829.

277E

[Binary Tree on Plane](#) · [Tutorial](#)

Quality: 1,479 global accepts · Rating: 2400 · first AC: 2013-05-26 · GNU C++ (first AC) · Tags: flows, trees

[tmt514's solution](#)

1830.

293C

[Cube Problem](#) · [Tutorial](#)

Quality: 635 global accepts · Rating: 2400 · first AC: 2013-05-25 · GNU C++ (first AC) · Tags: brute force, math, number theory

[tmt514's solution](#)

1831.

303C

[Minimum Modular](#) · [Tutorial](#)

Quality: 967 global accepts · Rating: 2400 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: brute force, graphs, math, number theory

[tmt514's solution](#)

1832.

273D

[Dima and Figure](#) · [Tutorial](#)

Quality: 479 global accepts · Rating: 2400 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1833.

209C

[Trails and Glades](#) · [Tutorial](#)

Quality: 875 global accepts · Rating: 2400 · first AC: 2012-07-14 · GNU C++ (first AC) · Tags: constructive algorithms, dsu, graphs, greedy

[tmt514's solution](#)

1834.

193C

[Hamming Distance](#) · [Tutorial](#)

Quality: 615 global accepts · Rating: 2400 · first AC: 2012-06-03 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, math, matrices

[tmt514's solution](#)

1835.

64I

[Sort the Table](#) · [Tutorial](#)

Quality: 94 global accepts · Rating: 2400 · first AC: 2012-05-21 · Tcl (first AC) · Tags: *special, sortings

[tmt514's solution](#)

1836.

175D

[Plane of Tanks: Duel](#) · [Tutorial](#)

Quality: 320 global accepts · Rating: 2400 · first AC: 2012-04-14 · GNU C++ (first AC) · Tags: brute force, dp, math, probabilities

[tmt514's solution](#)

1837.

164C

[Machine Programming](#) · [Tutorial](#)

Quality: 982 global accepts · Rating: 2400 · first AC: 2012-04-08 · GNU C++ (first AC) · Tags: flows, graphs

[tmt514's solution](#)

1838.

51E

[Pentagon](#) · [Tutorial](#)

Quality: 454 global accepts · Rating: 2400 · first AC: 2012-03-15 · GNU C++ (first AC) · Tags: combinatorics, graphs, matrices

[tmt514's solution](#)

1839.

160E

[Buses and People](#) · [Tutorial](#)

Quality: 682 global accepts · Rating: 2400 · first AC: 2012-03-15 · last AC: 2012-03-15 · GNU C++ (first AC) · Tags: binary search, data structures, sortings

[tmt514's solution](#)

1840.

107C

[Arrangement](#) · [Tutorial](#)

Quality: 460 global accepts · Rating: 2400 · first AC: 2012-03-13 · GNU C++ (first AC) · Tags: bitmasks, dp

[tmt514's solution](#)

1841.

74D

[Hanger](#) · [Tutorial](#)

Quality: 413 global accepts · Rating: 2400 · first AC: 2012-03-13 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1842.

115E

[Linear Kingdom Races](#) · [Tutorial](#)

Quality: 2,212 global accepts · Rating: 2400 · first AC: 2012-03-12 · GNU C++ (first AC) · Tags: data structures, dp

[tmt514's solution](#)

1843.

161C

[Abracadabra](#) · [Tutorial](#)

Quality: 693 global accepts · Rating: 2400 · first AC: 2012-03-11 · GNU C++ (first AC) · Tags: divide and conquer

[tmt514's solution](#)

1844.

121E

[Lucky Array](#) · [Tutorial](#)

Quality: 2,059 global accepts · Rating: 2400 · first AC: 2012-03-07 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1845.

145E

[Lucky Queries](#) · [Tutorial](#)

Quality: 3,961 global accepts · Rating: 2400 · first AC: 2012-03-06 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1846.

83D

[Numbers](#) · [Tutorial](#)

Quality: 1,033 global accepts · Rating: 2400 · first AC: 2012-03-03 · GNU C++ (first AC) · Tags: dp, math, number theory

[tmt514's solution](#)

1847.

154D

[Flatland Fencing](#) · [Tutorial](#)

Quality: 487 global accepts · Rating: 2400 · first AC: 2012-02-24 · GNU C++ (first AC) · Tags: games, math

[tmt514's solution](#)

1848.

32E

[Hide-and-Seek](#) · [Tutorial](#)

Quality: 423 global accepts · Rating: 2400 · first AC: 2011-11-23 · GNU C++ (first AC) · Tags: geometry, implementation

[tmt514's solution](#)

1849.

73E

[Morrowindows](#) · [Tutorial](#)

Quality: 412 global accepts · Rating: 2400 · first AC: 2011-11-21 · GNU C++ (first AC) · Tags: math, number theory

[tmt514's solution](#)

1850.

38H

[The Great Marathon](#) · [Tutorial](#)

Quality: 445 global accepts · Rating: 2400 · first AC: 2011-11-09 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1851.

31E

[TV Game](#) · [Tutorial](#)

Quality: 1,299 global accepts · Rating: 2400 · first AC: 2011-08-31 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1852.

29E

[Quarrel](#) · [Tutorial](#)

Quality: 1,133 global accepts · Rating: 2400 · first AC: 2011-08-29 · GNU C++ (first AC) · Tags: graphs, shortest paths

[tmt514's solution](#)

1853.

28D

[Don't fear, DravDe is kind](#) · [Tutorial](#)

Quality: 676 global accepts · Rating: 2400 · first AC: 2011-08-22 · GNU C++ (first AC) · Tags: binary search, data structures, dp, hashing

[tmt514's solution](#)

1854.

26E

[Multithreading](#) · [Tutorial](#)

Quality: 413 global accepts · Rating: 2400 · first AC: 2011-08-20 · GNU C++ (first AC) · Tags: constructive algorithms

[tmt514's solution](#)

1855.

26D

[Tickets](#) · [Tutorial](#)

Quality: 932 global accepts · Rating: 2400 · first AC: 2011-08-20 · GNU C++ (first AC) · Tags: combinatorics, math, probabilities

[tmt514's solution](#)

1856.

24D

[Broken robot](#) · [Tutorial](#)

Quality: 2,652 global accepts · Rating: 2400 · first AC: 2011-08-12 · GNU C++ (first AC) · Tags: dp, math, probabilities

[tmt514's solution](#)

1857.

21D

[Traveling Graph](#) · [Tutorial](#)

Quality: 1,293 global accepts · Rating: 2400 · first AC: 2011-08-06 · GNU C++ (first AC) · Tags: bitmasks, graph matchings, graphs

[tmt514's solution](#)

1858.

17D

[Notepad](#) · [Tutorial](#)

Quality: 1,328 global accepts · Rating: 2400 · first AC: 2011-08-03 · GNU C++ (first AC) · Tags: number theory

[tmt514's solution](#)

1859.

12D

[Ball](#) · [Tutorial](#)

Quality: 2,886 global accepts · Rating: 2400 · first AC: 2011-07-23 · GNU C++ (first AC) · Tags: data structures, sortings

[tmt514's solution](#)

1860.

83C

[Track](#) · [Tutorial](#)

Quality: 476 global accepts · Rating: 2400 · first AC: 2011-05-13 · GNU C++ (first AC) · Tags: graphs, greedy, shortest paths

[tmt514's solution](#)

1861.

5E

[Bindian Signaling](#) · [Tutorial](#)

Quality: 2,487 global accepts · Rating: 2400 · first AC: 2011-05-05 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1862.

57D

[Journey](#) · [Tutorial](#)

Quality: 360 global accepts · Rating: 2500 · first AC: 2019-12-07 · C++14 (GCC 6-32) (first AC) · Tags: dp, math

[tmt514's solution](#)

1863.

1209E2

[Rotate Columns \(hard version\)](#) · [Tutorial](#)

Quality: 2,301 global accepts · Rating: 2500 · first AC: 2019-09-14 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, dp, greedy, sortings

[tmt514's solution](#)

1864.

161E

[Polycarpus the Safecracker](#) · [Tutorial](#)

Quality: 507 global accepts · Rating: 2500 · first AC: 2012-03-11 · last AC: 2018-12-19 · GNU C++ (first AC) · Tags: brute force, dp

[tmt514's solution](#)

1865.

799E

[Aquarium decoration](#) · [Tutorial](#)

Quality: 1,053 global accepts · Rating: 2500 · first AC: 2017-05-11 · C++14 (GCC 6-32) (first AC) · Tags: data structures, greedy, two pointers

[tmt514's solution](#)

1866.

757E

[Bash Plays with Functions](#) · [Tutorial](#)

Quality: 1,546 global accepts · Rating: 2500 · first AC: 2017-01-12 · C++14 (GCC 6-32) (first AC) · Tags: brute force, combinatorics, dp, number theory

[tmt514's solution](#)

1867.

442C

[Artem and Array](#) · [Tutorial](#)

Quality: 1,950 global accepts · Rating: 2500 · first AC: 2016-09-12 · last AC: 2016-09-12 · GNU C++11 (first AC) · Tags: data structures, greedy

[tmt514's solution](#)

1868.

571C

[CNF 2](#) · [Tutorial](#)

Quality: 718 global accepts · Rating: 2500 · first AC: 2015-08-22 · GNU C++ (first AC) · Tags: constructive algorithms, dfs and similar, graphs, greedy

[tmt514's solution](#)

1869.

147B

[Smile House](#) · [Tutorial](#)

Quality: 921 global accepts · Rating: 2500 · first AC: 2013-07-31 · GNU C++ (first AC) · Tags: binary search, graphs, matrices

[tmt514's solution](#)

1870.

329D

[The Evil Temple and the Moving Rocks](#) · [Tutorial](#)

Quality: 436 global accepts · Rating: 2500 · first AC: 2013-07-20 · GNU C++ (first AC) · Tags: constructive algorithms

[tmt514's solution](#)

1871.

331C3

[The Great Julia Calendar](#) · [Tutorial](#)

Quality: 624 global accepts · Rating: 2500 · first AC: 2013-07-18 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1872.

53E

[Dead Ends](#) · [Tutorial](#)

Quality: 1,275 global accepts · Rating: 2500 · first AC: 2013-07-16 · GNU C++ (first AC) · Tags: bitmasks, dp

[tmt514's solution](#)

1873.

295E

[Yaroslav and Points](#) · [Tutorial](#)

Quality: 818 global accepts · Rating: 2500 · first AC: 2013-07-14 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1874.

317C

[Balance](#) · [Tutorial](#)

Quality: 550 global accepts · Rating: 2500 · first AC: 2013-06-15 · GNU C++ (first AC) · Tags: constructive algorithms, dfs and similar, graphs, trees

[tmt514's solution](#)

1875.

314D

[Sereja and Straight Lines](#) · [Tutorial](#)

Quality: 577 global accepts · Rating: 2500 · first AC: 2013-06-07 · GNU C++ (first AC) · Tags: binary search, data structures, geometry, sortings, two pointers

[tmt514's solution](#)

1876.

211D

[Cutting a Fence](#) · [Tutorial](#)

Rating: 2500 · first AC: 2012-07-15 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1877.

178F3

[Representative Sampling](#) · [Tutorial](#)

Quality: 484 global accepts · Rating: 2500 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1878.

176D

[Hyper String](#) · [Tutorial](#)

Quality: 381 global accepts · Rating: 2500 · first AC: 2012-04-20 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1879.

173D

[Deputies](#) · [Tutorial](#)

Quality: 289 global accepts · Rating: 2500 · first AC: 2012-04-06 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, greedy, implementation

[tmt514's solution](#)

1880.

152E

[Garden](#) · [Tutorial](#)

Quality: 570 global accepts · Rating: 2500 · first AC: 2012-03-31 · GNU C++ (first AC) · Tags: bitmasks, dp, graphs, trees

[tmt514's solution](#)

1881.

166D

[Shoe Store](#) · [Tutorial](#)

Quality: 391 global accepts · Rating: 2500 · first AC: 2012-03-23 · GNU C++ (first AC) · Tags: dp, graph matchings, greedy, sortings, two pointers

[tmt514's solution](#)

1882.

119D

[String Transformation](#) · [Tutorial](#)

Quality: 625 global accepts · Rating: 2500 · first AC: 2012-03-18 · GNU C++ (first AC) · Tags: hashing, strings

[tmt514's solution](#)

1883.

121D

[Lucky Segments](#) · [Tutorial](#)

Quality: 329 global accepts · Rating: 2500 · first AC: 2012-03-16 · GNU C++ (first AC) · Tags: binary search, implementation, two pointers

[tmt514's solution](#)

1884.

95D

[Horse Races](#) · [Tutorial](#)

Quality: 502 global accepts · Rating: 2500 · first AC: 2012-03-14 · GNU C++ (first AC) · Tags: dp, math

[tmt514's solution](#)

1885.

91E

[Igloo Skyscraper](#) · [Tutorial](#)

Quality: 671 global accepts · Rating: 2500 · first AC: 2012-03-14 · GNU C++ (first AC) · Tags: data structures, geometry

[tmt514's solution](#)

1886.

60D

[Savior](#) · [Tutorial](#)

Quality: 547 global accepts · Rating: 2500 · first AC: 2012-03-13 · GNU C++ (first AC) · Tags: brute force, dsu, math

[tmt514's solution](#)

1887.

68D

[Half-decay tree](#) · [Tutorial](#)

Quality: 531 global accepts · Rating: 2500 · first AC: 2012-03-13 · GNU C++ (first AC) · Tags: data structures, divide and conquer, dp, math, probabilities

[tmt514's solution](#)

1888.

135D

[Cycle](#) · [Tutorial](#)

Quality: 314 global accepts · Rating: 2500 · first AC: 2012-03-12 · GNU C++ (first AC) · Tags: brute force, dfs and similar, implementation
[tmt514's solution](#)

1889.

156D

[Clues](#) · [Tutorial](#)

Quality: 2,035 global accepts · Rating: 2500 · first AC: 2012-03-12 · GNU C++ (first AC) · Tags: combinatorics, graphs
[tmt514's solution](#)

1890.

117D

[Not Quick Transformation](#) · [Tutorial](#)

Quality: 369 global accepts · Rating: 2500 · first AC: 2012-03-10 · GNU C++ (first AC) · Tags: divide and conquer, math
[tmt514's solution](#)

1891.

55D

[Beautiful numbers](#) · [Tutorial](#)

Quality: 4,620 global accepts · Rating: 2500 · first AC: 2012-03-10 · GNU C++ (first AC) · Tags: dp, number theory
[tmt514's solution](#)

1892.

55E

[Very simple problem](#) · [Tutorial](#)

Quality: 820 global accepts · Rating: 2500 · first AC: 2012-03-09 · GNU C++ (first AC) · Tags: geometry, two pointers
[tmt514's solution](#)

1893.

95E

[Lucky Country](#) · [Tutorial](#)

Quality: 1,903 global accepts · Rating: 2500 · first AC: 2012-03-03 · GNU C++ (first AC) · Tags: dp, dsu, graphs
[tmt514's solution](#)

1894.

45F

[Goats and Wolves](#) · [Tutorial](#)

Quality: 167 global accepts · Rating: 2500 · first AC: 2011-12-15 · GNU C++ (first AC) · Tags: greedy
[tmt514's solution](#)

1895.

39I

[Tram](#) · [Tutorial](#)

Quality: 200 global accepts · Rating: 2500 · first AC: 2011-11-28 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1896.

40E

[Number Table](#) · [Tutorial](#)

Quality: 810 global accepts · Rating: 2500 · first AC: 2011-11-10 · GNU C++ (first AC) · Tags: combinatorics
[tmt514's solution](#)

1897.

23E

[Tree](#) · [Tutorial](#)

Quality: 725 global accepts · Rating: 2500 · first AC: 2011-08-08 · GNU C++ (first AC) · Tags: dp
[tmt514's solution](#)

1898.

23C

[Oranges and Apples](#) · [Tutorial](#)

Quality: 1,695 global accepts · Rating: 2500 · first AC: 2011-08-06 · GNU C++ (first AC) · Tags: constructive algorithms, sortings
[tmt514's solution](#)

1899.

17C

[Balance](#) · [Tutorial](#)

Quality: 1,027 global accepts · Rating: 2500 · first AC: 2011-08-02 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1900.

15D

[Map](#) · [Tutorial](#)

Quality: 914 global accepts · Rating: 2500 · first AC: 2011-08-01 · GNU C++ (first AC) · Tags: data structures, implementation, sortings

[tmt514's solution](#)

1901.

98C

[Help Greg the Dwarf](#) · [Tutorial](#)

Quality: 347 global accepts · Rating: 2500 · first AC: 2011-07-22 · GNU C++ (first AC) · Tags: geometry, ternary search

[tmt514's solution](#)

1902.

93C

[Azembler](#) · [Tutorial](#)

Quality: 450 global accepts · Rating: 2500 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: brute force, implementation

[tmt514's solution](#)

1903.

93D

[Flags](#) · [Tutorial](#)

Quality: 444 global accepts · Rating: 2500 · first AC: 2011-06-30 · GNU C++ (first AC) · Tags: dp, math, matrices

[tmt514's solution](#)

1904.

86C

[Genetic engineering](#) · [Tutorial](#)

Quality: 864 global accepts · Rating: 2500 · first AC: 2011-05-22 · GNU C++ (first AC) · Tags: dp, string suffix structures, trees

[tmt514's solution](#)

1905.

1836E

[Twin Clusters](#) · [Tutorial](#)

Rating: 2600 · first AC: 2023-06-23 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, meet-in-the-middle, probabilities

[tmt514's solution](#)

1906.

631E

[Product Sum](#) · [Tutorial](#)

Quality: 3,204 global accepts · Rating: 2600 · first AC: 2021-12-06 · C++17 (GCC 9-64) (first AC) · Tags: data structures, dp, geometry

[tmt514's solution](#)

1907.

802A3

[Heidi and Library \(hard\)](#) · [Tutorial](#)

Quality: 700 global accepts · Rating: 2600 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: flows, graphs

[tmt514's solution](#)

1908.

536C

[Tavas and Pashmaks](#) · [Tutorial](#)

Rating: 2600 · first AC: 2016-07-24 · GNU C++11 (first AC) · Tags: geometry, math

[tmt514's solution](#)

1909.

535E

[Tavas and Pashmaks](#) · [Tutorial](#)

Quality: 864 global accepts · Rating: 2600 · first AC: 2016-07-24 · GNU C++11 (first AC) · Tags: geometry, math

[tmt514's solution](#)

1910.

513D2

[Constrained Tree](#) · [Tutorial](#)

Quality: 398 global accepts · Rating: 2600 · first AC: 2015-02-07 · GNU C++ (first AC) · Tags: constructive algorithms, data structures

[tmt514's solution](#)

1911.

436E

[Cardboard Box](#) · [Tutorial](#)

Quality: 1,822 global accepts · Rating: 2600 · first AC: 2014-06-13 · GNU C++ (first AC) · Tags: data structures, greedy

[tmt514's solution](#)

1912.

258D

[Little Elephant and Broken Sorting](#) · [Tutorial](#)

Quality: 1,421 global accepts · Rating: 2600 · first AC: 2013-07-15 · GNU C++ (first AC) · Tags: dp, math, probabilities

[tmt514's solution](#)

1913.

229E

[Gifts](#) · [Tutorial](#)

Quality: 525 global accepts · Rating: 2600 · first AC: 2013-07-15 · GNU C++ (first AC) · Tags: combinatorics, dp, math, probabilities

[tmt514's solution](#)

1914.

325C

[Monsters and Diamonds](#) · [Tutorial](#)

Quality: 449 global accepts · Rating: 2600 · first AC: 2013-07-13 · GNU C++ (first AC) · Tags: dfs and similar, graphs, shortest paths

[tmt514's solution](#)

1915.

321E

[Ciel and Gondolas](#) · [Tutorial](#)

Quality: 6,273 global accepts · Rating: 2600 · first AC: 2013-06-28 · GNU C++ (first AC) · Tags: data structures, divide and conquer, dp

[tmt514's solution](#)

1916.

286D

[Tourists](#) · [Tutorial](#)

Quality: 457 global accepts · Rating: 2600 · first AC: 2013-03-23 · GNU C++ (first AC) · Tags: data structures, sortings

[tmt514's solution](#)

1917.

274C

[The Last Hole!](#) · [Tutorial](#)

Quality: 376 global accepts · Rating: 2600 · first AC: 2013-03-12 · GNU C++ (first AC) · Tags: brute force, geometry

[tmt514's solution](#)

1918.

115D

[Unambiguous Arithmetic Expression](#) · [Tutorial](#)

Quality: 454 global accepts · Rating: 2600 · first AC: 2013-03-05 · GNU C++ (first AC) · Tags: dp, expression parsing

[tmt514's solution](#)

1919.

273E

[Dima and Game](#) · [Tutorial](#)

Quality: 401 global accepts · Rating: 2600 · first AC: 2013-02-13 · GNU C++ (first AC) · Tags: dp, games

[tmt514's solution](#)

1920.

185D

[Visit of the Great](#) · [Tutorial](#)

Quality: 504 global accepts · Rating: 2600 · first AC: 2012-05-04 · GNU C++ (first AC) · Tags: math, number theory

[tmt514's solution](#)

1921.

175E

[Power Defence](#) · [Tutorial](#)

Quality: 288 global accepts · Rating: 2600 · first AC: 2012-04-14 · GNU C++ (first AC) · Tags: brute force, dp, geometry, greedy

[tmt514's solution](#)

1922.

173E

[Camping Groups](#) · [Tutorial](#)

Quality: 648 global accepts · Rating: 2600 · first AC: 2012-04-06 · GNU C++ (first AC) · Tags: data structures, sortings

[tmt514's solution](#)

1923.

67C

[Sequence of Balls](#) · [Tutorial](#)

Quality: 745 global accepts · Rating: 2600 · first AC: 2012-03-31 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1924.

140E

[New Year Garland](#) · [Tutorial](#)

Quality: 1,037 global accepts · Rating: 2600 · first AC: 2012-03-31 · GNU C++ (first AC) · Tags: combinatorics, dp

[tmt514's solution](#)

1925.

150D

[Mission Impassable](#) · [Tutorial](#)

Quality: 738 global accepts · Rating: 2600 · first AC: 2012-03-30 · GNU C++ (first AC) · Tags: dp, strings

[tmt514's solution](#)

1926.

60E

[Mushroom Gnomes](#) · [Tutorial](#)

Quality: 415 global accepts · Rating: 2600 · first AC: 2012-03-16 · GNU C++ (first AC) · Tags: math, matrices

[tmt514's solution](#)

1927.

93E

[Lostborn](#) · [Tutorial](#)

Quality: 540 global accepts · Rating: 2600 · first AC: 2012-03-10 · GNU C++ (first AC) · Tags: dp, math, number theory

[tmt514's solution](#)

1928.

140F

[New Year Snowflake](#) · [Tutorial](#)

Quality: 401 global accepts · Rating: 2600 · first AC: 2012-01-04 · GNU C++ (first AC) · Tags: geometry, sortings

[tmt514's solution](#)

1929.

37E

[Trial for Chief](#) · [Tutorial](#)

Quality: 678 global accepts · Rating: 2600 · first AC: 2011-11-20 · GNU C++ (first AC) · Tags: graphs, greedy, shortest paths

[tmt514's solution](#)

1930.

39K

[Testing](#) · [Tutorial](#)

Quality: 102 global accepts · Rating: 2600 · first AC: 2011-11-11 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1931.

40D

[Interesting Sequence](#) · [Tutorial](#)

Quality: 170 global accepts · Rating: 2600 · first AC: 2011-11-10 · last AC: 2011-11-10 · Java 6 (first AC) · Tags: math

[tmt514's solution](#)

1932.

36E

[Two Paths](#) · [Tutorial](#)

Quality: 614 global accepts · Rating: 2600 · first AC: 2011-10-18 · GNU C++ (first AC) · Tags: constructive algorithms, dsu, graphs, implementation

[tmt514's solution](#)

1933.

30D

[King's Problem?](#) · [Tutorial](#)

Quality: 498 global accepts · Rating: 2600 · first AC: 2011-08-30 · GNU C++ (first AC) · Tags: geometry, greedy

[tmt514's solution](#)

1934.

23D

[Tetragon](#) · [Tutorial](#)

Quality: 380 global accepts · Rating: 2600 · first AC: 2011-08-06 · GNU C++ (first AC) · Tags: geometry, math

[tmt514's solution](#)

1935.

15E

[Triangles](#) · [Tutorial](#)

Quality: 673 global accepts · Rating: 2600 · first AC: 2011-08-02 · GNU C++ (first AC) · Tags: combinatorics, dp

[tmt514's solution](#)

1936.

13D

[Triangles](#) · [Tutorial](#)

Quality: 735 global accepts · Rating: 2600 · first AC: 2011-07-27 · GNU C++ (first AC) · Tags: dp, geometry

[tmt514's solution](#)

1937.

10E

[Greedy Change](#) · [Tutorial](#)

Quality: 924 global accepts · Rating: 2600 · first AC: 2011-07-01 · GNU C++ (first AC) · Tags: constructive algorithms

[tmt514's solution](#)

1938.

8E

[Beads](#) · [Tutorial](#)

Quality: 758 global accepts · Rating: 2600 · first AC: 2011-06-11 · GNU C++ (first AC) · Tags: dp, graphs

[tmt514's solution](#)

1939.

8D

[Two Friends](#) · [Tutorial](#)

Quality: 580 global accepts · Rating: 2600 · first AC: 2011-06-10 · GNU C++ (first AC) · Tags: binary search, geometry

[tmt514's solution](#)

1940.

7E

[Defining Macros](#) · [Tutorial](#)

Quality: 777 global accepts · Rating: 2600 · first AC: 2011-06-03 · GNU C++ (first AC) · Tags: dp, expression parsing, implementation

[tmt514's solution](#)

1941.

6D

[Lizards and Basements 2](#) · [Tutorial](#)

Quality: 2,279 global accepts · Rating: 2600 · first AC: 2011-05-10 · GNU C++ (first AC) · Tags: brute force, dp

[tmt514's solution](#)

1942.

3D

[Least Cost Bracket Sequence](#) · [Tutorial](#)

Quality: 3,946 global accepts · Rating: 2600 · first AC: 2011-03-29 · last AC: 2011-04-16 · GNU C++ (first AC) · Tags: greedy

[tmt514's solution](#)

1943.

2C

[Commentator problem](#) · [Tutorial](#)

Quality: 2,025 global accepts · Rating: 2600 · first AC: 2011-03-28 · GNU C++ (first AC) · Tags: geometry

[tmt514's solution](#)

1944.

995F

[Cowmpany Cowmpensation](#) · [Tutorial](#)

Quality: 1,627 global accepts · Rating: 2700 · first AC: 2021-11-13 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, dp, math, trees

[tmt514's solution](#)

1945.

472F

[Design Tutorial: Change the Goal](#) · [Tutorial](#)

Quality: 301 global accepts · Rating: 2700 · first AC: 2014-09-28 · GNU C++ (first AC) · Tags: constructive algorithms, math, matrices

[tmt514's solution](#)

1946.

351D

[Jeff and Removing Periods](#) · [Tutorial](#)

Quality: 1,346 global accepts · Rating: 2700 · first AC: 2013-10-10 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1947.

213E

[Two Permutations](#) · [Tutorial](#)

Quality: 967 global accepts · Rating: 2700 · first AC: 2013-07-17 · GNU C++ (first AC) · Tags: data structures, hashing, strings

[tmt514's solution](#)

1948.

191D

[Metro Scheme](#) · [Tutorial](#)

Quality: 392 global accepts · Rating: 2700 · first AC: 2012-05-27 · GNU C++ (first AC) · Tags: graphs, greedy

[tmt514's solution](#)

1949.

183D

[T-shirt](#) · [Tutorial](#)

Quality: 481 global accepts · Rating: 2700 · first AC: 2012-04-30 · GNU C++ (first AC) · Tags: dp, greedy, probabilities

[tmt514's solution](#)

1950.

42E

[Baldman and the military](#) · [Tutorial](#)

Quality: 244 global accepts · Rating: 2700 · first AC: 2011-11-27 · GNU C++ (first AC) · Tags: dfs and similar, graphs, trees

[tmt514's solution](#)

1951.

13E

[Holes](#) · [Tutorial](#)

Quality: 7,951 global accepts · Rating: 2700 · first AC: 2011-07-29 · GNU C++ (first AC) · Tags: data structures, dsu

[tmt514's solution](#)

1952.

802D3

[Marmots \(hard\)](#) · [Tutorial](#)

Quality: 153 global accepts · Rating: 2800 · first AC: 2017-05-28 · C++14 (GCC 6-32) (first AC) · Tags: math, probabilities

[tmt514's solution](#)

1953.

549F

[Yura and Developers](#) · [Tutorial](#)

Quality: 1,034 global accepts · Rating: 2800 · first AC: 2016-09-08 · GNU C++11 (first AC) · Tags: data structures, divide and conquer

[tmt514's solution](#)

1954.

406E

[Hamming Triples](#) · [Tutorial](#)

Quality: 272 global accepts · Rating: 2800 · first AC: 2014-03-22 · GNU C++ (first AC) · Tags: implementation, math, two pointers

[tmt514's solution](#)

1955.

163E

[e-Government](#) · [Tutorial](#)

Quality: 2,186 global accepts · Rating: 2800 · first AC: 2012-03-26 · GNU C++ (first AC) · Tags: data structures, dfs and similar, dp, strings, trees

[tmt514's solution](#)

1956.

48H

[Black and White](#) · [Tutorial](#)

Quality: 184 global accepts · Rating: 2800 · first AC: 2011-12-16 · GNU C++ (first AC) · Tags: constructive algorithms

[tmt514's solution](#)

1957.

19D

[Points](#) · [Tutorial](#)

Quality: 3,169 global accepts · Rating: 2800 · first AC: 2011-08-05 · GNU C++ (first AC) · Tags: data structures

[tmt514's solution](#)

1958.

11E

[Forward, march!](#) · [Tutorial](#)

Quality: 440 global accepts · Rating: 2800 · first AC: 2011-07-23 · GNU C++ (first AC) · Tags: binary search, dp, greedy

[tmt514's solution](#)

1959.

10D

[LCIS](#) · [Tutorial](#)

Quality: 5,627 global accepts · Rating: 2800 · first AC: 2011-06-14 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1960.

83E

[Two Subsequences](#) · [Tutorial](#)

Quality: 539 global accepts · Rating: 2800 · first AC: 2011-05-26 · GNU C++ (first AC) · Tags: bitmasks, dp

[tmt514's solution](#)

1961.

364D

[Ghd](#) · [Tutorial](#)

Quality: 2,508 global accepts · Rating: 2900 · first AC: 2013-11-24 · GNU C++ (first AC) · Tags: brute force, math, probabilities

[tmt514's solution](#)

1962.

314E

[Sereja and Squares](#) · [Tutorial](#)

Quality: 396 global accepts · Rating: 2900 · first AC: 2013-06-08 · GNU C++ (first AC) · Tags: dp

[tmt514's solution](#)

1963.

167E

[Wizards and Bets](#) · [Tutorial](#)

Quality: 673 global accepts · Rating: 2900 · first AC: 2012-03-28 · GNU C++ (first AC) · Tags: dfs and similar, graphs, math, matrices

[tmt514's solution](#)

1964.

163D

[Large Refrigerator](#) · [Tutorial](#)

Quality: 571 global accepts · Rating: 2900 · first AC: 2012-03-25 · GNU C++ (first AC) · Tags: brute force

[tmt514's solution](#)

1965.

19E

[Fairy](#) · [Tutorial](#)

Quality: 2,513 global accepts · Rating: 2900 · first AC: 2011-08-05 · GNU C++ (first AC) · Tags: dfs and similar, divide and conquer, dsu

[tmt514's solution](#)

1966.

17E

[Palisection](#) · [Tutorial](#)

Quality: 1,990 global accepts · Rating: 2900 · first AC: 2011-08-03 · GNU C++ (first AC) · Tags: strings

[tmt514's solution](#)

1967.

1161E

[Rainbow Coins](#) · [Tutorial](#)

Rating: 3000 · first AC: 2019-05-04 · C++17 (GCC 7-32) (first AC) · Tags: interactive

[tmt514's solution](#)

1968.

167D

[Wizards and Roads](#) · [Tutorial](#)

Quality: 217 global accepts · Rating: 3000 · first AC: 2012-03-27 · GNU C++ (first AC) · Tags: data structures, divide and conquer, graph matchings, graphs, greedy

[tmt514's solution](#)

1969.

331E2

[Deja Vu](#) · [Tutorial](#)

Quality: 236 global accepts · Rating: 3100 · first AC: 2013-07-20 · GNU C++ (first AC) · Tags: constructive algorithms, dp

[tmt514's solution](#)

1970.

104097F

[LCA • Jb2 \(LCA\)](#) · [Tutorial](#)

Rating: — · first AC: 2022-12-10 · C++17 (GCC 7-32) (first AC) · Tags: —

[tmt514's solution](#)

1971.

104097B

[fôR Trivial v. Lvi \(Quadrilateral\)](#) · [Tutorial](#)

Rating: — · first AC: 2022-12-10 · C++17 (GCC 7-32) (first AC) · Tags: —

[tmt514's solution](#)

1972.

104097A

[e1XJs \(Tower\)](#) · [Tutorial](#)

Rating: — · first AC: 2022-12-10 · C++17 (GCC 7-32) (first AC) · Tags: —

[tmt514's solution](#)

1973.

102001K

[Boomerangs](#) · [Tutorial](#)

Rating: — · first AC: 2019-01-03 · last AC: 2019-01-06 · C++17 (GCC 7-32) (first AC) · Tags: —

[tmt514's solution](#)

1974.

102001J

[Future Generation](#) · [Tutorial](#)

Rating: — · first AC: 2019-01-01 · last AC: 2019-01-06 · C++17 (GCC 7-32) (first AC) · Tags: —

[tmt514's solution](#)

1975.

102001L

[Binary String](#) · [Tutorial](#)

Rating: — · first AC: 2019-01-03 · C++17 (GCC 7-32) (first AC) · Tags: —

[tmt514's solution](#)

1976.

102001G

[Go Make It Complete](#) · [Tutorial](#)

Rating: — · first AC: 2018-12-30 · last AC: 2019-01-03 · C++17 (GCC 7-32) (first AC) · Tags: —

[tmt514's solution](#)

1977.

102001H

[Lexical Sign Sequence](#) · [Tutorial](#)

Rating: — · first AC: 2019-01-01 · C++17 (GCC 7-32) (first AC) · Tags: —

[tmt514's solution](#)

1978.

102001I

[Lie Detector](#) · [Tutorial](#)

Rating: — · first AC: 2018-12-31 · C++17 (GCC 7-32) (first AC) · Tags: —

[tmt514's solution](#)

1979.

102001F

[Popping Balloons](#) · [Tutorial](#)

Rating: — · first AC: 2018-12-30 · last AC: 2018-12-31 · C++17 (GCC 7-32) (first AC) · Tags: —

[tmt514's solution](#)

1980.

102001D

[Icy Land](#) · [Tutorial](#)

Rating: — · first AC: 2018-12-29 · C++14 (GCC 6-32) (first AC) · Tags: —

[tmt514's solution](#)

1981.

102001C

[Smart Thief](#) · [Tutorial](#)

Rating: — · first AC: 2018-12-28 · last AC: 2018-12-29 · C++14 (GCC 6-32) (first AC) · Tags: —

[tmt514's solution](#)

1982.

102001A

[Edit Distance](#) · [Tutorial](#)

Rating: — · first AC: 2018-12-27 · C++14 (GCC 6-32) (first AC) · Tags: —

[tmt514's solution](#)

1983.

100134F

[Folding Snake Cube](#) · [Tutorial](#)

Rating: — · first AC: 2012-12-09 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1984.

100134C

[Caravan Robbers](#) · [Tutorial](#)

Rating: — · first AC: 2012-12-09 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1985.

100134E

[Exact Measurement](#) · [Tutorial](#)

Rating: — · first AC: 2012-12-09 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1986.

100134D

[Disjoint Regular Expressions](#) · [Tutorial](#)

Rating: — · first AC: 2012-12-09 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1987.

100134J

[Jumping Around](#) · [Tutorial](#)

Rating: — · first AC: 2012-12-09 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1988.

100134G

[Great Deceiver](#) · [Tutorial](#)

Rating: — · first AC: 2012-12-09 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1989.

100134H

[Hyperdrome](#) · [Tutorial](#)

Rating: — · first AC: 2012-12-09 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1990.

100134A

[Addictive Bubbles](#) · [Tutorial](#)

Rating: — · first AC: 2012-12-09 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1991.

100125C

[Chemistry](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1992.

100125H

[Hospital](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1993.

100125G

[Grid](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1994.

100125D

[Deepest Station](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1995.

100125F

[Final Standings](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1996.

100125E

[Electricity](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1997.

100125B

[Battleship](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: —
[tmt514's solution](#)

1998.

100125A

[Aztec Pyramid](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-17 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

1999.

100110B

[Lots of Combinations](#) · [Tutorial](#)

Rating: — · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

2000.

100110H

[Good Students and Bad Students](#) · [Tutorial](#)

Rating: — · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

2001.

100110A

[Asymmetric Art](#) · [Tutorial](#)

Rating: — · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

2002.

100110G

[RLE Size](#) · [Tutorial](#)

Rating: — · first AC: 2012-10-27 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

2003.

100020E

[Rectangles](#) · [Tutorial](#)

Rating: — · first AC: 2012-05-14 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

2004.

100020H

[Tree](#) · [Tutorial](#)

Rating: — · first AC: 2012-05-14 · GNU C++ (first AC) · Tags: —

[tmt514's solution](#)

2005.

100020C

[Game](#) · [Tutorial](#)

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2006.

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2007.

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2009.

100025F

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2010.

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2011.

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2013.

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2014.

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2017.

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2018.

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2019.

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