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Unique solved — Olja

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

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

Filters: none

Count: 167

1.

291A

[Spyke Talks](#) · [Tutorial](#)

Quality: 6,477 global accepts · Rating: 800 · first AC: 2013-04-14 · MS C++ (first AC) · Tags: *special, implementation, sortings

[Olja's solution](#)

2.

245A

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

Quality: 9,133 global accepts · Rating: 800 · first AC: 2012-11-19 · MS C++ (first AC) · Tags: implementation

[Olja's solution](#)

3.

172A

[Phone Code](#) · [Tutorial](#)

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

[Olja's solution](#)

4.

158A

[Next Round](#) · [Tutorial](#)

Quality: 320,554 global accepts · Rating: 800 · first AC: 2012-03-03 · MS C++ (first AC) · Tags: *special, implementation

[Olja's solution](#)

5.

119A

[Epic Game](#) · [Tutorial](#)

Quality: 29,583 global accepts · Rating: 800 · first AC: 2011-10-14 · MS C++ (first AC) · Tags: implementation

[Olja's solution](#)

6.

267A

[Subtractions](#) · [Tutorial](#)

Quality: 9,561 global accepts · Rating: 900 · first AC: 2013-01-15 · MS C++ (first AC) · Tags: math, number theory

[Olja's solution](#)

7.

246A

[Buggy Sorting](#) · [Tutorial](#)

Quality: 10,228 global accepts · Rating: 900 · first AC: 2012-11-23 · MS C++ (first AC) · Tags: constructive algorithms, greedy, sortings

[Olja's solution](#)

8.

250A

[Paper Work](#) · [Tutorial](#)

Quality: 4,805 global accepts · Rating: 1000 · first AC: 2012-11-26 · MS C++ (first AC) · Tags: greedy

[Olja's solution](#)

9.

120A

[Elevator](#) · [Tutorial](#)

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

[Olja's solution](#)

10.

109A

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

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

[Olja's solution](#)

11.

522B

[Photo to Remember](#) · [Tutorial](#)

Quality: 9,524 global accepts · Rating: 1100 · first AC: 2015-03-07 · MS C++ (first AC) · Tags: *special, data structures, dp, implementation

[Olja's solution](#)

12.

316A1

[Special Task](#) · [Tutorial](#)

Quality: 2,888 global accepts · Rating: 1100 · first AC: 2013-06-12 · Java 7 (first AC) · Tags: greedy

[Olja's solution](#)

13.

257A

[Sockets](#) · [Tutorial](#)

Quality: 6,914 global accepts · Rating: 1100 · first AC: 2013-01-08 · MS C++ (first AC) · Tags: greedy, implementation, sortings

[Olja's solution](#)

14.

258A

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

Quality: 26,508 global accepts · Rating: 1100 · first AC: 2012-12-22 · MS C++ (first AC) · Tags: greedy, math

[Olja's solution](#)

15.

245B

[Internet Address](#) · [Tutorial](#)

Quality: 5,521 global accepts · Rating: 1100 · first AC: 2012-11-19 · MS C++ (first AC) · Tags: implementation, strings

[Olja's solution](#)

16.

158B

[Taxi](#) · [Tutorial](#)

Quality: 103,848 global accepts · Rating: 1100 · first AC: 2012-03-03 · MS C++ (first AC) · Tags: *special, greedy, implementation

[Olja's solution](#)

17.

120C

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

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

[Olja's solution](#)

18.

120B

[Quiz League](#) · [Tutorial](#)

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

[Olja's solution](#)

19.

66B

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

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

[Olja's solution](#)

20.

522A

[Reposts](#) · [Tutorial](#)

Quality: 18,830 global accepts · Rating: 1200 · first AC: 2015-03-07 · MS C++ (first AC) · Tags: *special, dfs and similar, dp, graphs, trees

[Olja's solution](#)

21.

172B

[Pseudorandom Sequence Period](#) · [Tutorial](#)

Quality: 3,155 global accepts · Rating: 1200 · first AC: 2012-04-04 · MS C++ (first AC) · Tags: *special, implementation, number theory

[Olja's solution](#)

22.

291B

[Command Line Arguments](#) · [Tutorial](#)

Quality: 3,087 global accepts · Rating: 1300 · first AC: 2013-04-14 · MS C++ (first AC) · Tags: *special, implementation, strings

[Olja's solution](#)

23.

257B

[Playing Cubes](#) · [Tutorial](#)

Quality: 7,777 global accepts · Rating: 1300 · first AC: 2013-01-08 · MS C++ (first AC) · Tags: games, greedy, implementation

[Olja's solution](#)

24.

238A

[Not Wool Sequences](#) · [Tutorial](#)

Quality: 2,184 global accepts · Rating: 1300 · first AC: 2012-12-10 · MS C++ (first AC) · Tags: constructive algorithms, math

[Olja's solution](#)

25.

251A

[Points on Line](#) · [Tutorial](#)

Quality: 21,349 global accepts · Rating: 1300 · first AC: 2012-12-06 · MS C++ (first AC) · Tags: binary search, combinatorics, two pointers

[Olja's solution](#)

26.

246B

[Increase and Decrease](#) · [Tutorial](#)

Quality: 12,273 global accepts · Rating: 1300 · first AC: 2012-11-23 · MS C++ (first AC) · Tags: greedy, math

[Olja's solution](#)

27.

173A

[Rock-Paper-Scissors](#) · [Tutorial](#)

Quality: 2,516 global accepts · Rating: 1300 · first AC: 2012-04-06 · MS C++ (first AC) · Tags: implementation, math

[Olja's solution](#)

28.

161A

[Dress'em in Vests!](#) · [Tutorial](#)

Quality: 5,478 global accepts · Rating: 1300 · first AC: 2012-03-11 · MS C++ (first AC) · Tags: binary search, brute force, greedy, two pointers

[Olja's solution](#)

29.

158D

[Ice Sculptures](#) · [Tutorial](#)

Quality: 6,492 global accepts · Rating: 1300 · first AC: 2012-03-03 · MS C++ (first AC) · Tags: *special, brute force, number theory

[Olja's solution](#)

30.

85A

[Domino](#) · [Tutorial](#)

Quality: 2,024 global accepts · Rating: 1300 · first AC: 2011-05-20 · MS C++ (first AC) · Tags: constructive algorithms, implementation

[Olja's solution](#)

31.

83A

[Magical Array](#) · [Tutorial](#)

Quality: 6,858 global accepts · Rating: 1300 · first AC: 2011-05-13 · MS C++ (first AC) · Tags: math

[Olja's solution](#)

32.

66A

[Petya and Java](#) · [Tutorial](#)

Quality: 7,082 global accepts · Rating: 1300 · first AC: 2011-03-07 · Java 6 (first AC) · Tags: implementation, strings

[Olja's solution](#)

33.

316A2

[Special Task](#) · [Tutorial](#)

Quality: 2,295 global accepts · Rating: 1400 · first AC: 2013-06-12 · Java 7 (first AC) · Tags: math

[Olja's solution](#)

34.

277A

[Learning Languages](#) · [Tutorial](#)

Quality: 21,584 global accepts · Rating: 1400 · first AC: 2013-02-28 · MS C++ (first AC) · Tags: dfs and similar, dsu

[Olja's solution](#)

35.

261A

[Maxim and Discounts](#) · [Tutorial](#)

Quality: 5,610 global accepts · Rating: 1400 · first AC: 2013-01-13 · MS C++ (first AC) · Tags: greedy, sortings

[Olja's solution](#)

36.

245E

[Mishap in Club](#) · [Tutorial](#)

Quality: 3,530 global accepts · Rating: 1400 · first AC: 2012-11-19 · MS C++ (first AC) · Tags: greedy, implementation

[Olja's solution](#)

37.

158C

[Cd and pwd commands](#) · [Tutorial](#)

Quality: 10,395 global accepts · Rating: 1400 · first AC: 2012-03-03 · MS C++ (first AC) · Tags: *special, data structures, implementation

[Olja's solution](#)

38.

120E

[Put Knight!](#) · [Tutorial](#)

Quality: 2,963 global accepts · Rating: 1400 · first AC: 2011-10-18 · MS C++ (first AC) · Tags: games, math

[Olja's solution](#)

39.

120F

[Spiders](#) · [Tutorial](#)

Quality: 4,129 global accepts · Rating: 1400 · first AC: 2011-10-18 · MS C++ (first AC) · Tags: dp, greedy, trees

[Olja's solution](#)

40.

120D

[Three Sons](#) · [Tutorial](#)

Quality: 2,101 global accepts · Rating: 1400 · first AC: 2011-10-18 · MS C++ (first AC) · Tags: brute force

[Olja's solution](#)

41.

81A

[Plug-in](#) · [Tutorial](#)

Quality: 13,914 global accepts · Rating: 1400 · first AC: 2011-05-04 · MS C++ (first AC) · Tags: implementation

[Olja's solution](#)

42.

530C

[Diophantine equation](#) · [Tutorial](#)

Quality: 599 global accepts · Rating: 1500 · first AC: 2015-03-28 · Picat (first AC) · Tags: *special

[Olja's solution](#)

43.

530A

[Quadratic equation](#) · [Tutorial](#)

Quality: 693 global accepts · Rating: 1500 · first AC: 2015-03-28 · Picat (first AC) · Tags: *special

[Olja's solution](#)

44.

316E1

[Summer Homework](#) · [Tutorial](#)

Quality: 1,548 global accepts · Rating: 1500 · first AC: 2013-06-12 · MS C++ (first AC) · Tags: brute force, data structures

[Olja's solution](#)

45.

316B1

[EKG](#) · [Tutorial](#)

Quality: 1,498 global accepts · Rating: 1500 · first AC: 2013-06-12 · MS C++ (first AC) · Tags: brute force, dfs and similar

[Olja's solution](#)

46.

273A

[Dima and Staircase](#) · [Tutorial](#)

Rating: 1500 · first AC: 2013-02-13 · MS C++ (first AC) · Tags: —

[Olja's solution](#)

47.

229A

[Shifts](#) · [Tutorial](#)

Quality: 3,754 global accepts · Rating: 1500 · first AC: 2012-12-17 · MS C++ (first AC) · Tags: brute force, two pointers

[Olja's solution](#)

48.

256A

[Almost Arithmetical Progression](#) · [Tutorial](#)

Rating: 1500 · first AC: 2012-12-16 · MS C++ (first AC) · Tags: binary search, dp, two pointers

[Olja's solution](#)

49.

250B

[Restoring IPv6](#) · [Tutorial](#)

Quality: 2,240 global accepts · Rating: 1500 · first AC: 2012-11-26 · MS C++ (first AC) · Tags: implementation, strings

[Olja's solution](#)

50.

245D

[Restoring Table](#) · [Tutorial](#)

Quality: 2,881 global accepts · Rating: 1500 · first AC: 2012-11-19 · MS C++ (first AC) · Tags: constructive algorithms, greedy

[Olja's solution](#)

51.

172D

[Calendar Reform](#) · [Tutorial](#)

Quality: 1,518 global accepts · Rating: 1500 · first AC: 2012-04-04 · MS C++ (first AC) · Tags: *special, number theory

[Olja's solution](#)

52.

87A

[Trains](#) · [Tutorial](#)

Quality: 5,816 global accepts · Rating: 1500 · first AC: 2011-06-07 · MS C++ (first AC) · Tags: implementation, math

[Olja's solution](#)

53.

530D

[Set subtraction](#) · [Tutorial](#)

Quality: 461 global accepts · Rating: 1600 · first AC: 2015-03-28 · Picat (first AC) · Tags: *special

[Olja's solution](#)

54.

530B

[String inside out](#) · [Tutorial](#)

Quality: 555 global accepts · Rating: 1600 · first AC: 2015-03-28 · Picat (first AC) · Tags: *special

[Olja's solution](#)

55.

512A

[Fox And Names](#) · [Tutorial](#)

Rating: 1600 · first AC: 2015-02-02 · MS C++ (first AC) · Tags: dfs and similar, graphs, greedy, sortings

[Olja's solution](#)

56.

316B2

[EKG](#) · [Tutorial](#)

Quality: 1,780 global accepts · Rating: 1600 · first AC: 2013-06-12 · MS C++ (first AC) · Tags: dfs and similar, dp

[Olja's solution](#)

57.

314A

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

Quality: 2,173 global accepts · Rating: 1600 · first AC: 2013-06-07 · MS C++ (first AC) · Tags: implementation

[Olja's solution](#)

58.

291C

[Network Mask](#) · [Tutorial](#)

Quality: 1,852 global accepts · Rating: 1600 · first AC: 2013-04-14 · MS C++ (first AC) · Tags: *special, bitmasks, brute force, implementation

[Olja's solution](#)

59.

273B

[Dima and Two Sequences](#) · [Tutorial](#)

Rating: 1600 · first AC: 2013-02-13 · MS C++ (first AC) · Tags: combinatorics

[Olja's solution](#)

60.

269A

[Magical Boxes](#) · [Tutorial](#)

Quality: 3,699 global accepts · Rating: 1600 · first AC: 2013-02-01 · MS C++ (first AC) · Tags: greedy, math

[Olja's solution](#)

61.

240C

[Practice](#) · [Tutorial](#)

Rating: 1600 · first AC: 2012-12-14 · MS C++ (first AC) · Tags: constructive algorithms, implementation

[Olja's solution](#)

62.

240A

[Cinema](#) · [Tutorial](#)

Rating: 1600 · first AC: 2012-12-14 · MS C++ (first AC) · Tags: implementation

[Olja's solution](#)

63.

250C

[Movie Critics](#) · [Tutorial](#)

Quality: 2,230 global accepts · Rating: 1600 · first AC: 2012-11-26 · MS C++ (first AC) · Tags: greedy

[Olja's solution](#)

64.

246D

[Colorful Graph](#) · [Tutorial](#)

Quality: 10,291 global accepts · Rating: 1600 · first AC: 2012-11-23 · MS C++ (first AC) · Tags: brute force, dfs and similar, graphs

[Olja's solution](#)

65.

246C

[Beauty Pageant](#) · [Tutorial](#)

Quality: 2,830 global accepts · Rating: 1600 · first AC: 2012-11-23 · MS C++ (first AC) · Tags: brute force, constructive algorithms, greedy

[Olja's solution](#)

66.

243A

[The Brand New Function](#) · [Tutorial](#)

Quality: 4,466 global accepts · Rating: 1600 · first AC: 2012-11-16 · MS C++ (first AC) · Tags: bitmasks

[Olja's solution](#)

67.

235A

[LCM Challenge](#) · [Tutorial](#)

Quality: 20,987 global accepts · Rating: 1600 · first AC: 2012-10-21 · MS C++ (first AC) · Tags: number theory

[Olja's solution](#)

68.

142A

[Help Farmer](#) · [Tutorial](#)

Quality: 2,844 global accepts · Rating: 1600 · first AC: 2012-01-12 · MS C++ (first AC) · Tags: brute force, math

[Olja's solution](#)

69.

86A

[Reflection](#) · [Tutorial](#)

Quality: 1,660 global accepts · Rating: 1600 · first AC: 2011-05-22 · MS C++ (first AC) · Tags: math

[Olja's solution](#)

70.

28B

[pSort](#) · [Tutorial](#)

Quality: 5,520 global accepts · Rating: 1600 · first AC: 2010-09-17 · GNU C++ (first AC) · Tags: dfs and similar, dsu, graphs

[Olja's solution](#)

71.

28A

[Bender Problem](#) · [Tutorial](#)

Quality: 970 global accepts · Rating: 1600 · first AC: 2010-09-17 · GNU C++ (first AC) · Tags: implementation

[Olja's solution](#)

72.

532C

[Board Game](#) · [Tutorial](#)

Rating: 1700 · first AC: 2015-04-17 · MS C++ (first AC) · Tags: —

[Olja's solution](#)

73.

530E

[Sum and product](#) · [Tutorial](#)

Quality: 330 global accepts · Rating: 1700 · first AC: 2015-03-28 · Picat (first AC) · Tags: *special

[Olja's solution](#)

74.

316G1

[Good Substrings](#) · [Tutorial](#)

Quality: 1,085 global accepts · Rating: 1700 · first AC: 2013-06-12 · MS C++ (first AC) · Tags: hashing, strings

[Olja's solution](#)

75.

269B

[Greenhouse Effect](#) · [Tutorial](#)

Quality: 6,991 global accepts · Rating: 1700 · first AC: 2013-02-01 · MS C++ (first AC) · Tags: dp

[Olja's solution](#)

76.

229B

[Planets](#) · [Tutorial](#)

Quality: 5,786 global accepts · Rating: 1700 · first AC: 2012-12-17 · MS C++ (first AC) · Tags: binary search, data structures, graphs, shortest paths

[Olja's solution](#)

77.

245C

[Game with Coins](#) · [Tutorial](#)

Quality: 1,687 global accepts · Rating: 1700 · first AC: 2012-11-19 · MS C++ (first AC) · Tags: greedy

[Olja's solution](#)

78.

163A

[Substring and Subsequence](#) · [Tutorial](#)

Quality: 2,995 global accepts · Rating: 1700 · first AC: 2012-03-25 · MS C++ (first AC) · Tags: dp

[Olja's solution](#)

79.

161B

[Discounts](#) · [Tutorial](#)

Quality: 2,090 global accepts · Rating: 1700 · first AC: 2012-03-11 · MS C++ (first AC) · Tags: constructive algorithms, greedy, sortings

[Olja's solution](#)

80.

81C

[Average Score](#) · [Tutorial](#)

Quality: 1,852 global accepts · Rating: 1700 · first AC: 2011-05-04 · MS C++ (first AC) · Tags: greedy, math, sortings

[Olja's solution](#)

81.

81B

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

Quality: 2,141 global accepts · Rating: 1700 · first AC: 2011-05-04 · MS C++ (first AC) · Tags: implementation, strings

[Olja's solution](#)

82.

66D

[Petya and His Friends](#) · [Tutorial](#)

Quality: 3,613 global accepts · Rating: 1700 · first AC: 2011-03-07 · Java 6 (first AC) · Tags: constructive algorithms, math, number theory

[Olja's solution](#)

83.

532E

[Correcting Mistakes](#) · [Tutorial](#)

Rating: 1800 · first AC: 2015-04-17 · MS C++ (first AC) · Tags: —

[Olja's solution](#)

84.

301A

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

Quality: 3,256 global accepts · Rating: 1800 · first AC: 2013-05-05 · MS C++ (first AC) · Tags: constructive algorithms

[Olja's solution](#)

85.

257C

[View Angle](#) · [Tutorial](#)

Quality: 4,719 global accepts · Rating: 1800 · first AC: 2013-01-08 · MS C++ (first AC) · Tags: brute force, geometry, math

[Olja's solution](#)

86.

256B

[Mr. Bender and Square](#) · [Tutorial](#)

Rating: 1800 · first AC: 2012-12-16 · MS C++ (first AC) · Tags: binary search, brute force, math

[Olja's solution](#)

87.

240B

[Fence](#) · [Tutorial](#)

Rating: 1800 · first AC: 2012-12-14 · MS C++ (first AC) · Tags: dp

[Olja's solution](#)

88.

238B

[Boring Partition](#) · [Tutorial](#)

Quality: 1,420 global accepts · Rating: 1800 · first AC: 2012-12-10 · MS C++ (first AC) · Tags: constructive algorithms

[Olja's solution](#)

89.

245H

[Queries for Number of Palindromes](#) · [Tutorial](#)

Quality: 9,061 global accepts · Rating: 1800 · first AC: 2012-11-19 · MS C++ (first AC) · Tags: dp, hashing, strings

[Olja's solution](#)

90.

173B

[Chamber of Secrets](#) · [Tutorial](#)

Quality: 3,990 global accepts · Rating: 1800 · first AC: 2012-04-06 · MS C++ (first AC) · Tags: dfs and similar, shortest paths

[Olja's solution](#)

91.

161D

[Distance in Tree](#) · [Tutorial](#)

Quality: 19,185 global accepts · Rating: 1800 · first AC: 2012-03-11 · MS C++ (first AC) · Tags: dfs and similar, dp, trees

[Olja's solution](#)

92.

142B

[Help General](#) · [Tutorial](#)

Quality: 2,405 global accepts · Rating: 1800 · first AC: 2012-01-12 · MS C++ (first AC) · Tags: constructive algorithms, greedy, implementation

[Olja's solution](#)

93.

120G

[Boom](#) · [Tutorial](#)

Quality: 719 global accepts · Rating: 1800 · first AC: 2011-10-18 · MS C++ (first AC) · Tags: implementation

[Olja's solution](#)

94.

120H

[Brevity is Soul of Wit](#) · [Tutorial](#)

Quality: 1,591 global accepts · Rating: 1800 · first AC: 2011-10-18 · MS C++ (first AC) · Tags: graph matchings

[Olja's solution](#)

95.

89A

[Robbery](#) · [Tutorial](#)

Quality: 1,613 global accepts · Rating: 1800 · first AC: 2011-06-16 · MS C++ (first AC) · Tags: greedy

[Olja's solution](#)

96.

87B

[Vasya and Types](#) · [Tutorial](#)

Quality: 1,265 global accepts · Rating: 1800 · first AC: 2011-06-07 · MS C++ (first AC) · Tags: implementation, strings

[Olja's solution](#)

97.

85B

[Embassy Queue](#) · [Tutorial](#)

Quality: 1,081 global accepts · Rating: 1800 · first AC: 2011-05-20 · MS C++ (first AC) · Tags: data structures, greedy

[Olja's solution](#)

98.

83B

[Doctor](#) · [Tutorial](#)

Quality: 1,892 global accepts · Rating: 1800 · first AC: 2011-05-13 · MS C++ (first AC) · Tags: binary search, math, sortings

[Olja's solution](#)

99.

66C

[Petya and File System](#) · [Tutorial](#)

Quality: 1,193 global accepts · Rating: 1800 · first AC: 2011-03-07 · MS C++ (first AC) · Tags: data structures, implementation

[Olja's solution](#)

100.

261B

[Maxim and Restaurant](#) · [Tutorial](#)

Quality: 1,612 global accepts · Rating: 1900 · first AC: 2013-01-13 · MS C++ (first AC) · Tags: dp, math, probabilities

[Olja's solution](#)

101.

257D

[Sum](#) · [Tutorial](#)

Quality: 1,719 global accepts · Rating: 1900 · first AC: 2013-01-08 · MS C++ (first AC) · Tags: greedy, math

[Olja's solution](#)

102.

258B

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

Quality: 1,604 global accepts · Rating: 1900 · first AC: 2012-12-22 · MS C++ (first AC) · Tags: brute force, combinatorics, dp

[Olja's solution](#)

103.

229C

[Triangles](#) · [Tutorial](#)

Quality: 1,783 global accepts · Rating: 1900 · first AC: 2012-12-17 · MS C++ (first AC) · Tags: combinatorics, graphs, math

[Olja's solution](#)

104.

250D

[Building Bridge](#) · [Tutorial](#)

Quality: 1,013 global accepts · Rating: 1900 · first AC: 2012-11-26 · MS C++ (first AC) · Tags: geometry, ternary search, two pointers

[Olja's solution](#)

105.

232B

[Table](#) · [Tutorial](#)

Quality: 1,679 global accepts · Rating: 1900 · first AC: 2012-10-11 · MS C++ (first AC) · Tags: bitmasks, combinatorics, dp, math

[Olja's solution](#)

106.

173C

[Spiral Maximum](#) · [Tutorial](#)

Quality: 1,112 global accepts · Rating: 1900 · first AC: 2012-04-06 · MS C++ (first AC) · Tags: brute force, dp

[Olja's solution](#)

107.

158E

[Phone Talks](#) · [Tutorial](#)

Quality: 1,538 global accepts · Rating: 1900 · first AC: 2012-03-05 · MS C++ (first AC) · Tags: *special, dp, sortings

[Olja's solution](#)

108.

120J

[Minimum Sum](#) · [Tutorial](#)

Quality: 1,024 global accepts · Rating: 1900 · first AC: 2011-10-18 · MS C++ (first AC) · Tags: divide and conquer, geometry, sortings

[Olja's solution](#)

109.

109B

[Lucky Probability](#) · [Tutorial](#)

Quality: 1,780 global accepts · Rating: 1900 · first AC: 2011-08-30 · MS C++ (first AC) · Tags: brute force, probabilities

[Olja's solution](#)

110.

109C

[Lucky Tree](#) · [Tutorial](#)

Quality: 4,129 global accepts · Rating: 1900 · first AC: 2011-08-29 · MS C++ (first AC) · Tags: dp, dsu, trees

[Olja's solution](#)

111.

541C

[Idempotent functions](#) · [Tutorial](#)

Rating: 2000 · first AC: 2015-05-03 · MS C++ (first AC) · Tags: —

[Olja's solution](#)

112.

532B

[Work Group](#) · [Tutorial](#)

Rating: 2000 · first AC: 2015-04-17 · MS C++ (first AC) · Tags: —

[Olja's solution](#)

113.

522D

[Closest Equals](#) · [Tutorial](#)

Quality: 4,049 global accepts · Rating: 2000 · first AC: 2015-03-07 · MS C++ (first AC) · Tags: *special, data structures

[Olja's solution](#)

114.

314C

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

Quality: 2,005 global accepts · Rating: 2000 · first AC: 2013-06-07 · MS C++ (first AC) · Tags: data structures, dp

[Olja's solution](#)

115.

314B

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

Quality: 1,619 global accepts · Rating: 2000 · first AC: 2013-06-07 · MS C++ (first AC) · Tags: binary search, dfs and similar, strings

[Olja's solution](#)

116.

261C

[Maxim and Matrix](#) · [Tutorial](#)

Quality: 836 global accepts · Rating: 2000 · first AC: 2013-01-13 · MS C++ (first AC) · Tags: constructive algorithms, dp, math

[Olja's solution](#)

117.

258C

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

Quality: 1,986 global accepts · Rating: 2000 · first AC: 2012-12-22 · MS C++ (first AC) · Tags: binary search, combinatorics, dp, math

[Olja's solution](#)

118.

240D

[Merging Two Decks](#) · [Tutorial](#)

Rating: 2000 · first AC: 2012-12-14 · MS C++ (first AC) · Tags: constructive algorithms, greedy

[Olja's solution](#)

119.

251C

[Number Transformation](#) · [Tutorial](#)

Quality: 1,130 global accepts · Rating: 2000 · first AC: 2012-12-06 · MS C++ (first AC) · Tags: dp, greedy, number theory

[Olja's solution](#)

120.

250E

[Mad Joe](#) · [Tutorial](#)

Quality: 503 global accepts · Rating: 2000 · first AC: 2012-11-26 · MS C++ (first AC) · Tags: brute force

[Olja's solution](#)

121.

245F

[Log Stream Analysis](#) · [Tutorial](#)

Quality: 976 global accepts · Rating: 2000 · first AC: 2012-11-19 · MS C++ (first AC) · Tags: binary search, brute force, implementation, strings

[Olja's solution](#)

122.

243B

[Hydra](#) · [Tutorial](#)

Quality: 1,328 global accepts · Rating: 2000 · first AC: 2012-11-16 · MS C++ (first AC) · Tags: graphs, sortings

[Olja's solution](#)

123.

235B

[Let's Play Osu!](#) · [Tutorial](#)

Quality: 4,306 global accepts · Rating: 2000 · first AC: 2012-10-21 · MS C++ (first AC) · Tags: dp, math, probabilities

[Olja's solution](#)

124.

163B

[Lemmings](#) · [Tutorial](#)

Quality: 1,178 global accepts · Rating: 2000 · first AC: 2012-03-25 · MS C++ (first AC) · Tags: binary search

[Olja's solution](#)

125.

119C

[Education Reform](#) · [Tutorial](#)

Quality: 1,045 global accepts · Rating: 2000 · first AC: 2011-10-14 · MS C++ (first AC) · Tags: dp

[Olja's solution](#)

126.

109D

[Lucky Sorting](#) · [Tutorial](#)

Quality: 894 global accepts · Rating: 2000 · first AC: 2011-08-29 · MS C++ (first AC) · Tags: constructive algorithms, sortings

[Olja's solution](#)

127.

87C

[Interesting Game](#) · [Tutorial](#)

Quality: 1,687 global accepts · Rating: 2000 · first AC: 2011-06-07 · MS C++ (first AC) · Tags: dp, games, math

[Olja's solution](#)

128.

66E

[Petya and Post](#) · [Tutorial](#)

Quality: 926 global accepts · Rating: 2000 · first AC: 2011-03-07 · MS C++ (first AC) · Tags: data structures, dp

[Olja's solution](#)

129.

530F

[Jumping frogs](#) · [Tutorial](#)

Quality: 112 global accepts · Rating: 2100 · first AC: 2015-03-28 · Picat (first AC) · Tags: *special

[Olja's solution](#)

130.

522C

[Chicken or Fish?](#) · [Tutorial](#)

Quality: 745 global accepts · Rating: 2100 · first AC: 2015-03-07 · MS C++ (first AC) · Tags: greedy

[Olja's solution](#)

131.

269C

[Flawed Flow](#) · [Tutorial](#)

Quality: 1,818 global accepts · Rating: 2100 · first AC: 2013-02-01 · MS C++ (first AC) · Tags: constructive algorithms, flows, graphs, greedy

[Olja's solution](#)

132.

229D

[Towers](#) · [Tutorial](#)

Quality: 2,619 global accepts · Rating: 2100 · first AC: 2012-12-17 · MS C++ (first AC) · Tags: dp, greedy, two pointers

[Olja's solution](#)

133.

238C

[World Eater Brothers](#) · [Tutorial](#)

Quality: 1,366 global accepts · Rating: 2100 · first AC: 2012-12-10 · MS C++ (first AC) · Tags: dfs and similar, dp, greedy, trees

[Olja's solution](#)

134.

81D

[Polycarp's Picture Gallery](#) · [Tutorial](#)

Quality: 805 global accepts · Rating: 2100 · first AC: 2011-05-04 · MS C++ (first AC) · Tags: constructive algorithms, greedy

[Olja's solution](#)

135.

316C1

[Tidying Up](#) · [Tutorial](#)

Quality: 592 global accepts · Rating: 2200 · first AC: 2013-06-12 · MS C++ (first AC) · Tags: flows

[Olja's solution](#)

136.

273C

[Dima and Horses](#) · [Tutorial](#)

Rating: 2200 · first AC: 2013-02-13 · MS C++ (first AC) · Tags: graphs, greedy

[Olja's solution](#)

137.

257E

[Greedy Elevator](#) · [Tutorial](#)

Quality: 346 global accepts · Rating: 2200 · first AC: 2013-01-08 · MS C++ (first AC) · Tags: data structures, implementation

[Olja's solution](#)

138.

256C

[Furlo and Rublo and Game](#) · [Tutorial](#)

Rating: 2200 · first AC: 2012-12-16 · MS C++ (first AC) · Tags: games

[Olja's solution](#)

139.

245G

[Suggested Friends](#) · [Tutorial](#)

Quality: 545 global accepts · Rating: 2200 · first AC: 2012-11-19 · MS C++ (first AC) · Tags: brute force, graphs

[Olja's solution](#)

140.

243C

[Colorado Potato Beetle](#) · [Tutorial](#)

Quality: 563 global accepts · Rating: 2200 · first AC: 2012-11-16 · MS C++ (first AC) · Tags: dfs and similar, implementation

[Olja's solution](#)

141.

86B

[Tetris revisited](#) · [Tutorial](#)

Quality: 453 global accepts · Rating: 2200 · first AC: 2011-05-22 · MS C++ (first AC) · Tags: constructive algorithms, graph matchings, greedy, math

[Olja's solution](#)

142.

85C

[Petya and Tree](#) · [Tutorial](#)

Quality: 621 global accepts · Rating: 2200 · first AC: 2011-05-20 · MS C++ (first AC) · Tags: binary search, dfs and similar, probabilities,

sortings, trees

[Olja's solution](#)

143.

316E3

[Summer Homework](#) · [Tutorial](#)

Quality: 572 global accepts · Rating: 2300 · first AC: 2013-06-12 · MS C++ (first AC) · Tags: data structures, math

[Olja's solution](#)

144.

316E2

[Summer Homework](#) · [Tutorial](#)

Quality: 432 global accepts · Rating: 2300 · first AC: 2013-06-12 · MS C++ (first AC) · Tags: data structures, math

[Olja's solution](#)

145.

316C2

[Tidying Up](#) · [Tutorial](#)

Quality: 668 global accepts · Rating: 2300 · first AC: 2013-06-12 · MS C++ (first AC) · Tags: flows, graph matchings

[Olja's solution](#)

146.

277B

[Set of Points](#) · [Tutorial](#)

Quality: 847 global accepts · Rating: 2300 · first AC: 2013-02-28 · MS C++ (first AC) · Tags: constructive algorithms, geometry

[Olja's solution](#)

147.

89B

[Widget Library](#) · [Tutorial](#)

Quality: 610 global accepts · Rating: 2300 · first AC: 2011-06-16 · MS C++ (first AC) · Tags: dp, expression parsing, graphs, implementation

[Olja's solution](#)

148.

87D

[Beautiful Road](#) · [Tutorial](#)

Quality: 1,055 global accepts · Rating: 2300 · first AC: 2011-06-07 · MS C++ (first AC) · Tags: dfs and similar, dp, dsu, graphs, implementation, sortings, trees

[Olja's solution](#)

149.

532F

[Encoding](#) · [Tutorial](#)

Rating: 2400 · first AC: 2015-04-17 · MS C++ (first AC) · Tags: —

[Olja's solution](#)

150.

246E

[Blood Cousins Return](#) · [Tutorial](#)

Quality: 4,522 global accepts · Rating: 2400 · first AC: 2012-11-23 · MS C++ (first AC) · Tags: binary search, data structures, dfs and similar, dp, sortings

[Olja's solution](#)

151.

83D

[Numbers](#) · [Tutorial](#)

Quality: 1,033 global accepts · Rating: 2400 · first AC: 2011-05-13 · MS C++ (first AC) · Tags: dp, math, number theory

[Olja's solution](#)

152.

89D

[Space mines](#) · [Tutorial](#)

Quality: 268 global accepts · Rating: 2500 · first AC: 2011-06-16 · MS C++ (first AC) · Tags: geometry

[Olja's solution](#)

153.

240E

[Road Repairs](#) · [Tutorial](#)

Quality: 430 global accepts · Rating: 2800 · first AC: 2012-12-14 · MS C++ (first AC) · Tags: dfs and similar, graphs, greedy
[Olja's solution](#)

154.

238D

[Tape Programming](#) · [Tutorial](#)

Quality: 268 global accepts · Rating: 2900 · first AC: 2012-12-10 · MS C++ (first AC) · Tags: data structures, implementation
[Olja's solution](#)

155.

100203F

[Find the sequence](#) · [Tutorial](#)

Rating: — · first AC: 2013-06-02 · GNU C++ (first AC) · Tags: —
[Olja's solution](#)

156.

100203D

[Different vectors](#) · [Tutorial](#)

Rating: — · first AC: 2013-06-02 · GNU C++ (first AC) · Tags: —
[Olja's solution](#)

157.

100203I

[IWIN](#) · [Tutorial](#)

Rating: — · first AC: 2013-06-02 · GNU C++ (first AC) · Tags: —
[Olja's solution](#)

158.

100203J

[Journeys on the Moscow Underground](#) · [Tutorial](#)

Rating: — · first AC: 2013-06-02 · GNU C++ (first AC) · Tags: —
[Olja's solution](#)

159.

100203H

[Highways](#) · [Tutorial](#)

Rating: — · first AC: 2013-06-02 · GNU C++ (first AC) · Tags: —
[Olja's solution](#)

160.

100203E

[bits-Equalizer](#) · [Tutorial](#)

Rating: — · first AC: 2013-06-02 · GNU C++ (first AC) · Tags: —
[Olja's solution](#)

161.

100203A

[Ariel](#) · [Tutorial](#)

Rating: — · first AC: 2013-06-02 · GNU C++ (first AC) · Tags: —
[Olja's solution](#)

162.

100203G

[Good elements](#) · [Tutorial](#)

Rating: — · first AC: 2013-06-02 · GNU C++ (first AC) · Tags: —
[Olja's solution](#)

163.

100004B

[Octagons](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-14 · MS C++ (first AC) · Tags: —
[Olja's solution](#)

164.

100004E

[Class Schedule](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-14 · MS C++ (first AC) · Tags: —

[Olja's solution](#)

165.

100004C

[Party Location](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-14 · MS C++ (first AC) · Tags: —

[Olja's solution](#)

166.

100004D

[Numbersrebmun](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-14 · MS C++ (first AC) · Tags: —

[Olja's solution](#)

167.

100004A

[Paper Route](#) · [Tutorial](#)

Rating: — · first AC: 2012-11-14 · MS C++ (first AC) · Tags: —

[Olja's solution](#)