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Unique solved — ExRoc

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

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

Filters: none

Count: 706

1.

1589A

[Mathematical Addition](#) · [Tutorial](#)

Rating: 800 · first AC: 2021-11-21 · C++17 (GCC 7-32) (first AC) · Tags: math

[ExRoc's solution](#)

2.

1574A

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

Quality: 23,067 global accepts · Rating: 800 · first AC: 2021-10-03 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms

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3.

1512B

[Almost Rectangle](#) · [Tutorial](#)

Quality: 26,530 global accepts · Rating: 800 · first AC: 2021-04-10 · C++17 (GCC 7-32) (first AC) · Tags: implementation

[ExRoc's solution](#)

4.

1512A

[Spy Detected!](#) · [Tutorial](#)

Quality: 80,129 global accepts · Rating: 800 · first AC: 2021-04-10 · C++17 (GCC 7-32) (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

5.

1348A

[Phoenix and Balance](#) · [Tutorial](#)

Quality: 42,857 global accepts · Rating: 800 · first AC: 2020-05-01 · C++17 (GCC 7-32) (first AC) · Tags: greedy, math

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6.

1335A

[Candies and Two Sisters](#) · [Tutorial](#)

Quality: 104,818 global accepts · Rating: 800 · first AC: 2020-04-13 · C++17 (GCC 7-32) (first AC) · Tags: math

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7.

1328A

[Divisibility Problem](#) · [Tutorial](#)

Quality: 131,934 global accepts · Rating: 800 · first AC: 2020-04-02 · GNU C++11 (first AC) · Tags: math

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8.

1325B

[CopyCopyCopyCopyCopy](#) · [Tutorial](#)

Quality: 38,827 global accepts · Rating: 800 · first AC: 2020-03-16 · GNU C++11 (first AC) · Tags: greedy, implementation

[ExRoc's solution](#)

9.

1325A

[EhAb AnD gCd](#) · [Tutorial](#)

Quality: 46,213 global accepts · Rating: 800 · first AC: 2020-03-16 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, number theory

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10.

1312A

[Two Regular Polygons](#) · [Tutorial](#)

Quality: 27,544 global accepts · Rating: 800 · first AC: 2020-03-11 · GNU C++11 (first AC) · Tags: geometry, greedy, math, number theory

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11.

1257A

[Two Rival Students](#) · [Tutorial](#)

Quality: 21,664 global accepts · Rating: 800 · first AC: 2019-11-13 · GNU C++11 (first AC) · Tags: greedy, math

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12.

1243A

[Maximum Square](#) · [Tutorial](#)

Quality: 16,380 global accepts · Rating: 800 · first AC: 2019-11-11 · GNU C++11 (first AC) · Tags: implementation

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13.

1200A

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Quality: 21,814 global accepts · Rating: 800 · first AC: 2019-08-11 · GNU C++11 (first AC) · Tags: brute force, data structures, implementation

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14.

1191A

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15.

1183A

[Nearest Interesting Number](#) · [Tutorial](#)

Quality: 27,024 global accepts · Rating: 800 · first AC: 2019-06-26 · GNU C++11 (first AC) · Tags: implementation

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16.

1167A

[Telephone Number](#) · [Tutorial](#)

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17.

486A

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

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18.

1106A

[Lunar New Year and Cross Counting](#) · [Tutorial](#)

Quality: 12,864 global accepts · Rating: 800 · first AC: 2019-04-02 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

19.

1114A

[Got Any Grapes?](#) · [Tutorial](#)

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20.

1102A

[Integer Sequence Dividing](#) · [Tutorial](#)

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21.

1099A

[Snowball](#) · [Tutorial](#)

Quality: 13,348 global accepts · Rating: 800 · first AC: 2019-01-05 · GNU C++11 (first AC) · Tags: implementation

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22.

1097A

[Gennady and a Card Game](#) · [Tutorial](#)

Quality: 43,814 global accepts · Rating: 800 · first AC: 2019-01-04 · GNU C++11 (first AC) · Tags: brute force, implementation

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23.

1091A

[New Year and the Christmas Ornament](#) · [Tutorial](#)

Quality: 18,565 global accepts · Rating: 800 · first AC: 2018-12-30 · GNU C++11 (first AC) · Tags: brute force, implementation, math

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24.

1096A

[Find Divisible](#) · [Tutorial](#)

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25.

1095A

[Repeating Cipher](#) · [Tutorial](#)

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[ExRoc's solution](#)

26.

1087A

[Right-Left Cipher](#) · [Tutorial](#)

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27.

1092B

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28.

1092A

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29.

1081A

[Definite Game](#) · [Tutorial](#)

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30.

1093A

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Quality: 18,359 global accepts · Rating: 800 · first AC: 2018-12-15 · GNU C++11 (first AC) · Tags: math

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31.

1038A

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32.

1028A

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33.

1017A

[The Rank](#) · [Tutorial](#)

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34.

950A

[Left-handers, Right-handers and Ambidexters](#) · [Tutorial](#)

Quality: 16,376 global accepts · Rating: 800 · first AC: 2018-03-09 · last AC: 2018-08-03 · GNU C++ (first AC) · Tags: implementation, math

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35.

1015A

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36.

935A

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37.

939A

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38.

938A

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39.

932A

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40.

919A

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41.

918A

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42.

899A

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43.

894A

[QAQ](#) · [Tutorial](#)

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44.

1005A

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

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45.

888A

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46.

1003A

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47.

822A

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48.

818A

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49.

821A

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50.

999A

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51.

992A

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Quality: 14,317 global accepts · Rating: 800 · first AC: 2018-06-18 · GNU C++11 (first AC) · Tags: implementation, sortings

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52.

988A

[Diverse Team](#) · [Tutorial](#)

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53.

987A

[Infinity Gauntlet](#) · [Tutorial](#)

Quality: 17,504 global accepts · Rating: 800 · first AC: 2018-05-29 · GNU C++11 (first AC) · Tags: implementation

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54.

978B

[File Name](#) · [Tutorial](#)

Quality: 40,914 global accepts · Rating: 800 · first AC: 2018-05-19 · GNU C++11 (first AC) · Tags: greedy, strings

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55.

978A

[Remove Duplicates](#) · [Tutorial](#)

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56.

760A

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57.

946A

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Quality: 18,160 global accepts · Rating: 800 · first AC: 2018-03-06 · GNU C++ (first AC) · Tags: greedy

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58.

931A

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59.

746A

[Compote](#) · [Tutorial](#)

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60.

157A

[Game Outcome](#) · [Tutorial](#)

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[ExRoc's solution](#)

61.

794A

[Bank Robbery](#) · [Tutorial](#)

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62.

811A

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

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[ExRoc's solution](#)

63.

908A

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Quality: 15,842 global accepts · Rating: 800 · first AC: 2017-12-29 · last AC: 2018-01-10 · GNU C++ (first AC) · Tags: brute force, implementation

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64.

912A

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Quality: 14,384 global accepts · Rating: 800 · first AC: 2018-01-05 · GNU C++ (first AC) · Tags: implementation

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65.

900A

[Find Extra One](#) · [Tutorial](#)

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[ExRoc's solution](#)

66.

897A

[Scarborough Fair](#) · [Tutorial](#)

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67.

796A

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68.

837A

[Text Volume](#) · [Tutorial](#)

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69.

854A

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70.

884A

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71.

4A

[Watermelon](#) · [Tutorial](#)

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72.

791A

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

Quality: 257,318 global accepts · Rating: 800 · first AC: 2017-04-08 · GNU C++ (first AC) · Tags: implementation

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73.

710A

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74.

747A

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Quality: 11,193 global accepts · Rating: 800 · first AC: 2016-12-19 · GNU C++ (first AC) · Tags: brute force, math

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75.

1589C

[Two Arrays](#) · [Tutorial](#)

Rating: 900 · first AC: 2021-11-21 · C++17 (GCC 7-32) (first AC) · Tags: greedy, math, sortings

[ExRoc's solution](#)

76.

1335B

[Construct the String](#) · [Tutorial](#)

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77.

1326B

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78.

1324A

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79.

1183B

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80.

1166A

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81.

1106C

[Lunar New Year and Number Division](#) · [Tutorial](#)

Quality: 15,917 global accepts · Rating: 900 · first AC: 2019-04-02 · GNU C++11 (first AC) · Tags: greedy, implementation, math, sortings

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82.

1110A

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83.

1095B

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84.

1093B

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85.

1025A

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[ExRoc's solution](#)

86.

1016A

[Death Note](#) · [Tutorial](#)

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87.

935B

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Quality: 12,419 global accepts · Rating: 900 · first AC: 2018-02-19 · last AC: 2018-07-28 · GNU C++ (first AC) · Tags: implementation
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88.

1011A

[Stages](#) · [Tutorial](#)

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[ExRoc's solution](#)

89.

918B

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[ExRoc's solution](#)

90.

893A

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Quality: 11,055 global accepts · Rating: 900 · first AC: 2017-11-25 · last AC: 2018-07-13 · GNU C++11 (first AC) · Tags: implementation
[ExRoc's solution](#)

91.

892A

[Greed](#) · [Tutorial](#)

Quality: 14,944 global accepts · Rating: 900 · first AC: 2017-11-17 · last AC: 2018-07-12 · GNU C++11 (first AC) · Tags: greedy, implementation
[ExRoc's solution](#)

92.

1005B

[Delete from the Left](#) · [Tutorial](#)

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[ExRoc's solution](#)

93.

1004A

[Sonya and Hotels](#) · [Tutorial](#)

Quality: 11,858 global accepts · Rating: 900 · first AC: 2018-07-05 · GNU C++11 (first AC) · Tags: implementation
[ExRoc's solution](#)

94.

876A

[Trip For Meal](#) · [Tutorial](#)

Quality: 10,024 global accepts · Rating: 900 · first AC: 2017-10-16 · last AC: 2018-06-30 · GNU C++ (first AC) · Tags: math
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95.

991B

[Getting an A](#) · [Tutorial](#)

Quality: 13,733 global accepts · Rating: 900 · first AC: 2018-06-23 · GNU C++11 (first AC) · Tags: greedy, sortings
[ExRoc's solution](#)

96.

999B

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[ExRoc's solution](#)

97.

989A

[A Blend of Springtime](#) · [Tutorial](#)

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[ExRoc's solution](#)

98.

981A

[Antipalindrome](#) · [Tutorial](#)

Quality: 10,330 global accepts · Rating: 900 · first AC: 2018-05-27 · GNU C++11 (first AC) · Tags: brute force, implementation, strings

[ExRoc's solution](#)

99.

980A

[Links and Pearls](#) · [Tutorial](#)

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[ExRoc's solution](#)

100.

554A

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[ExRoc's solution](#)

101.

745A

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

Quality: 10,988 global accepts · Rating: 900 · first AC: 2018-03-04 · GNU C++ (first AC) · Tags: implementation, strings

[ExRoc's solution](#)

102.

746B

[Decoding](#) · [Tutorial](#)

Quality: 31,892 global accepts · Rating: 900 · first AC: 2018-02-07 · GNU C++ (first AC) · Tags: implementation, strings

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103.

545A

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104.

839A

[Arya and Bran](#) · [Tutorial](#)

Quality: 14,928 global accepts · Rating: 900 · first AC: 2018-01-25 · last AC: 2018-01-25 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

105.

914A

[Perfect Squares](#) · [Tutorial](#)

Quality: 15,725 global accepts · Rating: 900 · first AC: 2018-01-20 · GNU C++ (first AC) · Tags: brute force, implementation, math

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106.

916A

[Jamie and Alarm Snooze](#) · [Tutorial](#)

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107.

913A

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Quality: 24,181 global accepts · Rating: 900 · first AC: 2018-01-15 · GNU C++ (first AC) · Tags: implementation, math

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108.

915A

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109.

801B

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110.

879A

[Borya's Diagnosis](#) · [Tutorial](#)

Quality: 9,575 global accepts · Rating: 900 · first AC: 2017-10-26 · last AC: 2017-11-18 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

111.

872A

[Search for Pretty Integers](#) · [Tutorial](#)

Rating: 900 · first AC: 2017-10-26 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

112.

820A

[Mister B and Book Reading](#) · [Tutorial](#)

Quality: 8,567 global accepts · Rating: 900 · first AC: 2017-06-28 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

113.

765A

[Neverending competitions](#) · [Tutorial](#)

Quality: 9,560 global accepts · Rating: 900 · first AC: 2017-02-17 · GNU C++ (first AC) · Tags: implementation, math

[ExRoc's solution](#)

114.

747B

[Mammoth's Genome Decoding](#) · [Tutorial](#)

Quality: 9,642 global accepts · Rating: 900 · first AC: 2016-12-19 · GNU C++ (first AC) · Tags: implementation, strings

[ExRoc's solution](#)

115.

1589B

[Coloring Rectangles](#) · [Tutorial](#)

Rating: 1000 · first AC: 2021-11-21 · C++17 (GCC 7-32) (first AC) · Tags: greedy

[ExRoc's solution](#)

116.

1326A

[Bad Ugly Numbers](#) · [Tutorial](#)

Quality: 32,682 global accepts · Rating: 1000 · first AC: 2020-03-28 · GNU C++11 (first AC) · Tags: constructive algorithms, number theory

[ExRoc's solution](#)

117.

1312B

[Bogosort](#) · [Tutorial](#)

Quality: 39,063 global accepts · Rating: 1000 · first AC: 2020-03-11 · GNU C++11 (first AC) · Tags: constructive algorithms, sortings

[ExRoc's solution](#)

118.

1253A

[Single Push](#) · [Tutorial](#)

Quality: 19,435 global accepts · Rating: 1000 · first AC: 2019-11-16 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

119.

1257B

[Magic Stick](#) · [Tutorial](#)

Quality: 22,525 global accepts · Rating: 1000 · first AC: 2019-11-13 · GNU C++11 (first AC) · Tags: math

[ExRoc's solution](#)

120.

1243B1

[Character Swap \(Easy Version\)](#) · [Tutorial](#)

Quality: 15,360 global accepts · Rating: 1000 · first AC: 2019-11-11 · GNU C++11 (first AC) · Tags: strings

[ExRoc's solution](#)

121.

1256A

[Payment Without Change](#) · [Tutorial](#)

Quality: 32,436 global accepts · Rating: 1000 · first AC: 2019-11-04 · GNU C++11 (first AC) · Tags: math

[ExRoc's solution](#)

122.

1245A

[Good ol' Numbers Coloring](#) · [Tutorial](#)

Quality: 14,894 global accepts · Rating: 1000 · first AC: 2019-11-04 · GNU C++11 (first AC) · Tags: math, number theory

[ExRoc's solution](#)

123.

1182A

[Filling Shapes](#) · [Tutorial](#)

Quality: 35,581 global accepts · Rating: 1000 · first AC: 2019-06-11 · GNU C++11 (first AC) · Tags: dp, math

[ExRoc's solution](#)

124.

1101A

[Minimum Integer](#) · [Tutorial](#)

Quality: 18,815 global accepts · Rating: 1000 · first AC: 2019-01-11 · last AC: 2019-01-15 · GNU C++11 (first AC) · Tags: math

[ExRoc's solution](#)

125.

1100A

[Roman and Browser](#) · [Tutorial](#)

Quality: 10,674 global accepts · Rating: 1000 · first AC: 2019-01-13 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

126.

1023B

[Pair of Toys](#) · [Tutorial](#)

Quality: 11,664 global accepts · Rating: 1000 · first AC: 2018-08-17 · GNU C++11 (first AC) · Tags: math

[ExRoc's solution](#)

127.

939B

[Hamster Farm](#) · [Tutorial](#)

Quality: 11,273 global accepts · Rating: 1000 · first AC: 2018-02-17 · last AC: 2018-07-26 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

128.

920A

[Water The Garden](#) · [Tutorial](#)

Quality: 8,196 global accepts · Rating: 1000 · first AC: 2018-02-02 · last AC: 2018-07-23 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

129.

893B

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

Quality: 12,666 global accepts · Rating: 1000 · first AC: 2017-11-25 · last AC: 2018-07-13 · GNU C++11 (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

130.

890B

[Vlad and Cafes](#) · [Tutorial](#)

Rating: 1000 · first AC: 2017-11-14 · last AC: 2018-07-11 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

131.

890A

[ACM ICPC](#) · [Tutorial](#)

Rating: 1000 · first AC: 2017-11-14 · last AC: 2018-07-11 · GNU C++ (first AC) · Tags: brute force

[ExRoc's solution](#)

132.

888B

[Buggy Robot](#) · [Tutorial](#)

Quality: 10,724 global accepts · Rating: 1000 · first AC: 2017-11-16 · last AC: 2018-07-09 · GNU C++11 (first AC) · Tags: greedy

[ExRoc's solution](#)

133.

998A

[Balloons](#) · [Tutorial](#)

Quality: 10,111 global accepts · Rating: 1000 · first AC: 2018-07-01 · GNU C++11 (first AC) · Tags: constructive algorithms, implementation

[ExRoc's solution](#)

134.

822B

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

Quality: 10,200 global accepts · Rating: 1000 · first AC: 2017-07-08 · last AC: 2018-06-25 · GNU C++ (first AC) · Tags: brute force, implementation, strings

[ExRoc's solution](#)

135.

991A

[If at first you don't succeed...](#) · [Tutorial](#)

Quality: 11,232 global accepts · Rating: 1000 · first AC: 2018-06-23 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

136.

990A

[Commentary Boxes](#) · [Tutorial](#)

Quality: 11,210 global accepts · Rating: 1000 · first AC: 2018-06-10 · GNU C++11 (first AC) · Tags: implementation, math

[ExRoc's solution](#)

137.

981B

[Businessmen Problems](#) · [Tutorial](#)

Quality: 8,046 global accepts · Rating: 1000 · first AC: 2018-05-27 · GNU C++11 (first AC) · Tags: sortings

[ExRoc's solution](#)

138.

978C

[Letters](#) · [Tutorial](#)

Quality: 29,827 global accepts · Rating: 1000 · first AC: 2018-05-20 · GNU C++11 (first AC) · Tags: binary search, implementation, two pointers

[ExRoc's solution](#)

139.

979A

[Pizza, Pizza, Pizza!!!](#) · [Tutorial](#)

Quality: 14,576 global accepts · Rating: 1000 · first AC: 2018-05-14 · GNU C++11 (first AC) · Tags: math

[ExRoc's solution](#)

140.

659A

[Round House](#) · [Tutorial](#)

Quality: 16,833 global accepts · Rating: 1000 · first AC: 2018-03-19 · GNU C++ (first AC) · Tags: implementation, math

[ExRoc's solution](#)

141.

157B

[Trace](#) · [Tutorial](#)

Quality: 14,188 global accepts · Rating: 1000 · first AC: 2018-02-06 · GNU C++ (first AC) · Tags: geometry, sortings

[ExRoc's solution](#)

142.

742A

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

Quality: 51,995 global accepts · Rating: 1000 · first AC: 2018-02-02 · GNU C++ (first AC) · Tags: implementation, math, number theory

[ExRoc's solution](#)

143.

779A

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

Quality: 9,704 global accepts · Rating: 1000 · first AC: 2018-01-29 · GNU C++ (first AC) · Tags: constructive algorithms, math

[ExRoc's solution](#)

144.

699A

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

Quality: 18,867 global accepts · Rating: 1000 · first AC: 2018-01-27 · last AC: 2018-01-27 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

145.

909A

[Generate Login](#) · [Tutorial](#)

Quality: 10,365 global accepts · Rating: 1000 · first AC: 2018-01-24 · GNU C++ (first AC) · Tags: brute force, greedy, sortings

[ExRoc's solution](#)

146.

887A

[Div. 64](#) · [Tutorial](#)

Quality: 11,945 global accepts · Rating: 1000 · first AC: 2017-11-15 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

147.

3A

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

Quality: 22,149 global accepts · Rating: 1000 · first AC: 2017-06-21 · GNU C++ (first AC) · Tags: greedy, shortest paths

[ExRoc's solution](#)

148.

1A

[Theatre Square](#) · [Tutorial](#)

Quality: 320,314 global accepts · Rating: 1000 · first AC: 2017-06-20 · GNU C++ (first AC) · Tags: math

[ExRoc's solution](#)

149.

805A

[Fake NP](#) · [Tutorial](#)

Quality: 19,173 global accepts · Rating: 1000 · first AC: 2017-06-20 · GNU C++ (first AC) · Tags: greedy, math

[ExRoc's solution](#)

150.

804A

[Find Amir](#) · [Tutorial](#)

Quality: 16,509 global accepts · Rating: 1000 · first AC: 2017-05-05 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, math

[ExRoc's solution](#)

151.

1574B

[Combinatorics Homework](#) · [Tutorial](#)

Quality: 18,222 global accepts · Rating: 1100 · first AC: 2021-10-03 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, greedy, math

[ExRoc's solution](#)

152.

1375A

[Sign Flipping](#) · [Tutorial](#)

Quality: 18,843 global accepts · Rating: 1100 · first AC: 2020-07-04 · GNU C++11 (first AC) · Tags: constructive algorithms, math
[ExRoc's solution](#)

153.

1335C

[Two Teams Composing](#) · [Tutorial](#)

Quality: 38,972 global accepts · Rating: 1100 · first AC: 2020-04-13 · C++17 (GCC 7-32) (first AC) · Tags: binary search, greedy, implementation, sortings
[ExRoc's solution](#)

154.

1327A

[Sum of Odd Integers](#) · [Tutorial](#)

Quality: 45,741 global accepts · Rating: 1100 · first AC: 2020-03-29 · GNU C++11 (first AC) · Tags: math
[ExRoc's solution](#)

155.

1324C

[Frog Jumps](#) · [Tutorial](#)

Quality: 30,521 global accepts · Rating: 1100 · first AC: 2020-03-15 · GNU C++11 (first AC) · Tags: binary search, data structures, dfs and similar, greedy, implementation
[ExRoc's solution](#)

156.

1324B

[Yet Another Palindrome Problem](#) · [Tutorial](#)

Quality: 30,795 global accepts · Rating: 1100 · first AC: 2020-03-15 · GNU C++11 (first AC) · Tags: brute force, strings
[ExRoc's solution](#)

157.

1166B

[All the Vowels Please](#) · [Tutorial](#)

Quality: 11,920 global accepts · Rating: 1100 · first AC: 2019-05-17 · GNU C++11 (first AC) · Tags: constructive algorithms, math, number theory
[ExRoc's solution](#)

158.

1119A

[Ilya and a Colorful Walk](#) · [Tutorial](#)

Quality: 11,503 global accepts · Rating: 1100 · first AC: 2019-04-06 · GNU C++11 (first AC) · Tags: greedy, implementation
[ExRoc's solution](#)

159.

1105B

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

Quality: 10,558 global accepts · Rating: 1100 · first AC: 2019-01-20 · GNU C++11 (first AC) · Tags: brute force, implementation, strings
[ExRoc's solution](#)

160.

1105A

[Salem and Sticks](#) · [Tutorial](#)

Quality: 11,554 global accepts · Rating: 1100 · first AC: 2019-01-20 · GNU C++11 (first AC) · Tags: brute force, implementation
[ExRoc's solution](#)

161.

1099B

[Squares and Segments](#) · [Tutorial](#)

Quality: 11,478 global accepts · Rating: 1100 · first AC: 2019-01-05 · GNU C++11 (first AC) · Tags: binary search, constructive algorithms, math
[ExRoc's solution](#)

162.

1087B

[Div Times Mod](#) · [Tutorial](#)

Rating: 1100 · first AC: 2018-12-24 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

163.

946B

[Weird Subtraction Process](#) · [Tutorial](#)

Quality: 11,474 global accepts · Rating: 1100 · first AC: 2018-03-06 · last AC: 2018-12-23 · GNU C++ (first AC) · Tags: math, number theory

[ExRoc's solution](#)

164.

1038B

[Non-Coprime Partition](#) · [Tutorial](#)

Quality: 14,718 global accepts · Rating: 1100 · first AC: 2018-09-06 · GNU C++11 (first AC) · Tags: constructive algorithms, math

[ExRoc's solution](#)

165.

1015C

[Songs Compression](#) · [Tutorial](#)

Quality: 21,401 global accepts · Rating: 1100 · first AC: 2018-07-31 · GNU C++11 (first AC) · Tags: sortings

[ExRoc's solution](#)

166.

938B

[Run For Your Prize](#) · [Tutorial](#)

Quality: 9,303 global accepts · Rating: 1100 · first AC: 2018-02-16 · last AC: 2018-07-26 · GNU C++ (first AC) · Tags: brute force, greedy

[ExRoc's solution](#)

167.

919B

[Perfect Number](#) · [Tutorial](#)

Quality: 31,613 global accepts · Rating: 1100 · first AC: 2018-01-31 · last AC: 2018-07-23 · GNU C++ (first AC) · Tags: binary search, brute force, dp, implementation, number theory

[ExRoc's solution](#)

168.

902A

[Visiting a Friend](#) · [Tutorial](#)

Quality: 10,276 global accepts · Rating: 1100 · first AC: 2018-01-31 · last AC: 2018-07-22 · GNU C++ (first AC) · Tags: greedy, implementation

[ExRoc's solution](#)

169.

877A

[Alex and broken contest](#) · [Tutorial](#)

Quality: 11,554 global accepts · Rating: 1100 · first AC: 2017-10-26 · last AC: 2018-07-01 · GNU C++ (first AC) · Tags: implementation, strings

[ExRoc's solution](#)

170.

869B

[The Eternal Immortality](#) · [Tutorial](#)

Quality: 15,558 global accepts · Rating: 1100 · first AC: 2017-11-13 · last AC: 2018-06-29 · GNU C++ (first AC) · Tags: math

[ExRoc's solution](#)

171.

690A1

[Collective Mindsets \(easy\)](#) · [Tutorial](#)

Quality: 3,094 global accepts · Rating: 1100 · first AC: 2017-04-28 · last AC: 2018-06-15 · C++14 (GCC 6-32) (first AC) · Tags: —

[ExRoc's solution](#)

172.

988B

[Substrings Sort](#) · [Tutorial](#)

Quality: 20,290 global accepts · Rating: 1100 · first AC: 2018-06-01 · GNU C++11 (first AC) · Tags: sortings, strings

[ExRoc's solution](#)

173.

987B

[High School: Become Human](#) · [Tutorial](#)

Quality: 12,222 global accepts · Rating: 1100 · first AC: 2018-05-29 · GNU C++11 (first AC) · Tags: math

[ExRoc's solution](#)

174.

985A

[Chess Placing](#) · [Tutorial](#)

Quality: 8,424 global accepts · Rating: 1100 · first AC: 2018-05-21 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

175.

950B

[Intercepted Message](#) · [Tutorial](#)

Quality: 8,000 global accepts · Rating: 1100 · first AC: 2018-03-09 · GNU C++ (first AC) · Tags: greedy, implementation

[ExRoc's solution](#)

176.

166A

[Rank List](#) · [Tutorial](#)

Quality: 21,008 global accepts · Rating: 1100 · first AC: 2018-02-05 · GNU C++ (first AC) · Tags: binary search, implementation, sortings

[ExRoc's solution](#)

177.

767A

[Snacktower](#) · [Tutorial](#)

Quality: 22,693 global accepts · Rating: 1100 · first AC: 2018-01-30 · GNU C++ (first AC) · Tags: data structures, implementation

[ExRoc's solution](#)

178.

779B

[Weird Rounding](#) · [Tutorial](#)

Quality: 10,712 global accepts · Rating: 1100 · first AC: 2018-01-29 · GNU C++ (first AC) · Tags: brute force, greedy

[ExRoc's solution](#)

179.

545B

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

Quality: 12,237 global accepts · Rating: 1100 · first AC: 2018-01-29 · GNU C++ (first AC) · Tags: greedy

[ExRoc's solution](#)

180.

911A

[Nearest Minimums](#) · [Tutorial](#)

Quality: 12,310 global accepts · Rating: 1100 · first AC: 2018-01-16 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

181.

797A

[k-Factorization](#) · [Tutorial](#)

Quality: 19,892 global accepts · Rating: 1100 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: implementation, math, number theory

[ExRoc's solution](#)

182.

884B

[Japanese Crosswords Strike Back](#) · [Tutorial](#)

Quality: 7,564 global accepts · Rating: 1100 · first AC: 2017-11-18 · last AC: 2017-11-22 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

183.

869A

[The Artful Expedient](#) · [Tutorial](#)

Quality: 9,797 global accepts · Rating: 1100 · first AC: 2017-11-13 · GNU C++ (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

184.

801A

[Vicious Keyboard](#) · [Tutorial](#)

Quality: 7,674 global accepts · Rating: 1100 · first AC: 2017-06-20 · GNU C++ (first AC) · Tags: brute force

[ExRoc's solution](#)

185.

792A

[New Bus Route](#) · [Tutorial](#)

Quality: 9,709 global accepts · Rating: 1100 · first AC: 2017-05-06 · last AC: 2017-05-18 · GNU C++ (first AC) · Tags: implementation, sortings

[ExRoc's solution](#)

186.

789A

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

Quality: 9,823 global accepts · Rating: 1100 · first AC: 2017-05-18 · GNU C++ (first AC) · Tags: implementation, math

[ExRoc's solution](#)

187.

765B

[Code obfuscation](#) · [Tutorial](#)

Quality: 7,554 global accepts · Rating: 1100 · first AC: 2017-02-17 · GNU C++ (first AC) · Tags: greedy, implementation, strings

[ExRoc's solution](#)

188.

1512D

[Corrupted Array](#) · [Tutorial](#)

Quality: 24,533 global accepts · Rating: 1200 · first AC: 2021-04-10 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, data structures, greedy

[ExRoc's solution](#)

189.

1512C

[A-B Palindrome](#) · [Tutorial](#)

Quality: 21,709 global accepts · Rating: 1200 · first AC: 2021-04-10 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, implementation, strings

[ExRoc's solution](#)

190.

1375B

[Neighbor Grid](#) · [Tutorial](#)

Quality: 17,850 global accepts · Rating: 1200 · first AC: 2020-07-04 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy

[ExRoc's solution](#)

191.

1364A

[XXXXX](#) · [Tutorial](#)

Quality: 31,365 global accepts · Rating: 1200 · first AC: 2020-06-13 · GNU C++11 (first AC) · Tags: brute force, data structures, number theory, two pointers

[ExRoc's solution](#)

192.

1328C

[Ternary XOR](#) · [Tutorial](#)

Quality: 33,085 global accepts · Rating: 1200 · first AC: 2020-04-02 · GNU C++11 (first AC) · Tags: greedy, implementation

[ExRoc's solution](#)

193.

1327B

[Princesses and Princes](#) · [Tutorial](#)

Quality: 19,497 global accepts · Rating: 1200 · first AC: 2020-03-29 · GNU C++11 (first AC) · Tags: brute force, graphs, greedy

[ExRoc's solution](#)

194.

1257C

[Dominated Subarray](#) · [Tutorial](#)

Quality: 17,146 global accepts · Rating: 1200 · first AC: 2019-11-13 · GNU C++11 (first AC) · Tags: greedy, implementation, sortings, strings, two pointers

[ExRoc's solution](#)

195.

1245B

[Restricted RPS](#) · [Tutorial](#)

Quality: 14,532 global accepts · Rating: 1200 · first AC: 2019-11-04 · GNU C++11 (first AC) · Tags: constructive algorithms, dp, greedy

[ExRoc's solution](#)

196.

1200B

[Block Adventure](#) · [Tutorial](#)

Quality: 14,661 global accepts · Rating: 1200 · first AC: 2019-08-11 · GNU C++11 (first AC) · Tags: dp, greedy

[ExRoc's solution](#)

197.

1191B

[Tokitsukaze and Mahjong](#) · [Tutorial](#)

Quality: 9,864 global accepts · Rating: 1200 · first AC: 2019-07-13 · GNU C++11 (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

198.

1100C

[NN and the Optical Illusion](#) · [Tutorial](#)

Quality: 10,931 global accepts · Rating: 1200 · first AC: 2019-01-13 · GNU C++11 (first AC) · Tags: binary search, geometry, math

[ExRoc's solution](#)

199.

1102C

[Doors Breaking and Repairing](#) · [Tutorial](#)

Quality: 14,168 global accepts · Rating: 1200 · first AC: 2019-01-09 · GNU C++11 (first AC) · Tags: games

[ExRoc's solution](#)

200.

1099C

[Postcard](#) · [Tutorial](#)

Quality: 10,427 global accepts · Rating: 1200 · first AC: 2019-01-05 · GNU C++11 (first AC) · Tags: constructive algorithms, implementation

[ExRoc's solution](#)

201.

1097B

[Petr and a Combination Lock](#) · [Tutorial](#)

Quality: 35,965 global accepts · Rating: 1200 · first AC: 2019-01-04 · GNU C++11 (first AC) · Tags: bitmasks, brute force, dp

[ExRoc's solution](#)

202.

1091B

[New Year and the Treasure Geolocation](#) · [Tutorial](#)

Quality: 11,012 global accepts · Rating: 1200 · first AC: 2018-12-30 · GNU C++11 (first AC) · Tags: brute force, constructive algorithms, greedy, implementation

[ExRoc's solution](#)

203.

1028B

[Unnatural Conditions](#) · [Tutorial](#)

Quality: 10,242 global accepts · Rating: 1200 · first AC: 2018-08-28 · GNU C++11 (first AC) · Tags: constructive algorithms, math

[ExRoc's solution](#)

204.

1023A

[Single Wildcard Pattern Matching](#) · [Tutorial](#)

Quality: 9,264 global accepts · Rating: 1200 · first AC: 2018-08-18 · GNU C++11 (first AC) · Tags: brute force, implementation, strings

[ExRoc's solution](#)

205.

1023C

[Bracket Subsequence](#) · [Tutorial](#)

Quality: 10,753 global accepts · Rating: 1200 · first AC: 2018-08-17 · GNU C++11 (first AC) · Tags: greedy

[ExRoc's solution](#)

206.

1017B

[The Bits](#) · [Tutorial](#)

Quality: 9,623 global accepts · Rating: 1200 · first AC: 2018-08-08 · GNU C++11 (first AC) · Tags: implementation, math

[ExRoc's solution](#)

207.

1015B

[Obtaining the String](#) · [Tutorial](#)

Quality: 12,411 global accepts · Rating: 1200 · first AC: 2018-07-31 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

208.

1011B

[Planning The Expedition](#) · [Tutorial](#)

Quality: 11,031 global accepts · Rating: 1200 · first AC: 2018-07-26 · GNU C++11 (first AC) · Tags: binary search, brute force, implementation

[ExRoc's solution](#)

209.

934B

[A Prosperous Lot](#) · [Tutorial](#)

Quality: 9,163 global accepts · Rating: 1200 · first AC: 2018-02-14 · last AC: 2018-07-24 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[ExRoc's solution](#)

210.

920B

[Tea Queue](#) · [Tutorial](#)

Quality: 8,116 global accepts · Rating: 1200 · first AC: 2018-02-02 · last AC: 2018-07-23 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

211.

902B

[Coloring a Tree](#) · [Tutorial](#)

Quality: 11,948 global accepts · Rating: 1200 · first AC: 2018-01-31 · last AC: 2018-07-22 · GNU C++ (first AC) · Tags: dfs and similar, dsu, greedy

[ExRoc's solution](#)

212.

899B

[Months and Years](#) · [Tutorial](#)

Quality: 6,437 global accepts · Rating: 1200 · first AC: 2018-02-04 · last AC: 2018-07-15 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

213.

895A

[Pizza Separation](#) · [Tutorial](#)

Quality: 6,911 global accepts · Rating: 1200 · first AC: 2017-12-04 · last AC: 2018-07-15 · GNU C++11 (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

214.

892B

[Wrath](#) · [Tutorial](#)

Quality: 9,989 global accepts · Rating: 1200 · first AC: 2017-11-17 · last AC: 2018-07-12 · GNU C++11 (first AC) · Tags: greedy, implementation, two pointers

[ExRoc's solution](#)

215.

879B

[Table Tennis](#) · [Tutorial](#)

Quality: 14,408 global accepts · Rating: 1200 · first AC: 2017-10-26 · last AC: 2018-07-03 · GNU C++ (first AC) · Tags: data structures, implementation

[ExRoc's solution](#)

216.

998B

[Cutting](#) · [Tutorial](#)

Quality: 14,413 global accepts · Rating: 1200 · first AC: 2018-07-01 · GNU C++11 (first AC) · Tags: dp, greedy, sortings

[ExRoc's solution](#)

217.

876C

[Classroom Watch](#) · [Tutorial](#)

Rating: 1200 · first AC: 2017-10-16 · last AC: 2018-06-30 · GNU C++ (first AC) · Tags: brute force, math

[ExRoc's solution](#)

218.

1000A

[Codehorses T-shirts](#) · [Tutorial](#)

Quality: 9,368 global accepts · Rating: 1200 · first AC: 2018-06-27 · GNU C++11 (first AC) · Tags: greedy, implementation

[ExRoc's solution](#)

219.

828A

[Restaurant Tables](#) · [Tutorial](#)

Quality: 8,394 global accepts · Rating: 1200 · first AC: 2017-07-15 · last AC: 2018-06-26 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

220.

999C

[Alphabetic Removals](#) · [Tutorial](#)

Quality: 20,993 global accepts · Rating: 1200 · first AC: 2018-06-21 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

221.

811B

[Vladik and Complicated Book](#) · [Tutorial](#)

Quality: 6,798 global accepts · Rating: 1200 · first AC: 2018-01-27 · last AC: 2018-06-21 · GNU C++ (first AC) · Tags: implementation, sortings

[ExRoc's solution](#)

222.

989B

[A Tide of Riverscape](#) · [Tutorial](#)

Quality: 7,286 global accepts · Rating: 1200 · first AC: 2018-06-11 · GNU C++11 (first AC) · Tags: constructive algorithms, strings

[ExRoc's solution](#)

223.

990B

[Micro-World](#) · [Tutorial](#)

Quality: 8,617 global accepts · Rating: 1200 · first AC: 2018-06-10 · GNU C++11 (first AC) · Tags: greedy, sortings

[ExRoc's solution](#)

224.

985B

[Switches and Lamps](#) · [Tutorial](#)

Quality: 7,879 global accepts · Rating: 1200 · first AC: 2018-05-21 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

225.

982A

[Row](#) · [Tutorial](#)

Quality: 9,712 global accepts · Rating: 1200 · first AC: 2018-05-18 · GNU C++11 (first AC) · Tags: brute force, constructive algorithms

[ExRoc's solution](#)

226.

960A

[Check the string](#) · [Tutorial](#)

Quality: 8,787 global accepts · Rating: 1200 · first AC: 2018-04-07 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

227.

554B

[Ohana Cleans Up](#) · [Tutorial](#)

Quality: 10,867 global accepts · Rating: 1200 · first AC: 2018-03-20 · GNU C++ (first AC) · Tags: brute force, greedy, strings

[ExRoc's solution](#)

228.

659C

[Tanya and Toys](#) · [Tutorial](#)

Quality: 11,961 global accepts · Rating: 1200 · first AC: 2018-03-19 · GNU C++ (first AC) · Tags: greedy, implementation

[ExRoc's solution](#)

229.

931B

[World Cup](#) · [Tutorial](#)

Quality: 7,457 global accepts · Rating: 1200 · first AC: 2018-03-04 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[ExRoc's solution](#)

230.

8A

[Train and Peter](#) · [Tutorial](#)

Quality: 6,727 global accepts · Rating: 1200 · first AC: 2018-02-09 · last AC: 2018-02-09 · GNU C++ (first AC) · Tags: strings

[ExRoc's solution](#)

231.

779C

[Dishonest Sellers](#) · [Tutorial](#)

Quality: 12,775 global accepts · Rating: 1200 · first AC: 2018-01-29 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, sortings

[ExRoc's solution](#)

232.

794B

[Cutting Carrot](#) · [Tutorial](#)

Quality: 7,270 global accepts · Rating: 1200 · first AC: 2018-01-29 · GNU C++ (first AC) · Tags: geometry, math

[ExRoc's solution](#)

233.

914B

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

Quality: 9,066 global accepts · Rating: 1200 · first AC: 2018-01-20 · GNU C++ (first AC) · Tags: games, greedy, implementation

[ExRoc's solution](#)

234.

911B

[Two Cakes](#) · [Tutorial](#)

Quality: 12,809 global accepts · Rating: 1200 · first AC: 2018-01-16 · GNU C++ (first AC) · Tags: binary search, brute force, implementation

[ExRoc's solution](#)

235.

913B

[Christmas Spruce](#) · [Tutorial](#)

Quality: 19,466 global accepts · Rating: 1200 · first AC: 2018-01-15 · GNU C++ (first AC) · Tags: implementation, trees

[ExRoc's solution](#)

236.

908B

[New Year and Buggy Bot](#) · [Tutorial](#)

Quality: 7,902 global accepts · Rating: 1200 · first AC: 2017-12-29 · GNU C++ (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

237.

743B

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

Quality: 16,052 global accepts · Rating: 1200 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: binary search, bitmasks, constructive algorithms, implementation

[ExRoc's solution](#)

238.

854B

[Maxim Buys an Apartment](#) · [Tutorial](#)

Quality: 8,582 global accepts · Rating: 1200 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: constructive algorithms, math
[ExRoc's solution](#)

239.

4B

[Before an Exam](#) · [Tutorial](#)

Quality: 29,480 global accepts · Rating: 1200 · first AC: 2017-06-21 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[ExRoc's solution](#)

240.

787A

[The Monster](#) · [Tutorial](#)

Quality: 12,185 global accepts · Rating: 1200 · first AC: 2017-05-04 · Java 8 (first AC) · Tags: brute force, math, number theory
[ExRoc's solution](#)

241.

690D1

[The Wall \(easy\)](#) · [Tutorial](#)

Quality: 2,904 global accepts · Rating: 1200 · first AC: 2017-04-28 · C++14 (GCC 6-32) (first AC) · Tags: —
[ExRoc's solution](#)

242.

765C

[Table Tennis Game 2](#) · [Tutorial](#)

Quality: 7,430 global accepts · Rating: 1200 · first AC: 2017-02-17 · GNU C++ (first AC) · Tags: math
[ExRoc's solution](#)

243.

1574C

[Slay the Dragon](#) · [Tutorial](#)

Quality: 18,569 global accepts · Rating: 1300 · first AC: 2021-10-03 · C++17 (GCC 7-32) (first AC) · Tags: binary search, greedy, sortings, ternary search
[ExRoc's solution](#)

244.

1364B

[Most socially-distanced subsequence](#) · [Tutorial](#)

Quality: 26,190 global accepts · Rating: 1300 · first AC: 2020-06-13 · GNU C++11 (first AC) · Tags: greedy, two pointers
[ExRoc's solution](#)

245.

1328B

[K-th Beautiful String](#) · [Tutorial](#)

Quality: 32,047 global accepts · Rating: 1300 · first AC: 2020-04-02 · GNU C++11 (first AC) · Tags: binary search, brute force, combinatorics, implementation, math
[ExRoc's solution](#)

246.

1326C

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

Quality: 16,402 global accepts · Rating: 1300 · first AC: 2020-03-28 · GNU C++11 (first AC) · Tags: combinatorics, greedy, math
[ExRoc's solution](#)

247.

1182B

[Plus from Picture](#) · [Tutorial](#)

Quality: 12,003 global accepts · Rating: 1300 · first AC: 2019-06-11 · GNU C++11 (first AC) · Tags: dfs and similar, implementation, strings
[ExRoc's solution](#)

248.

1119B

[Alyona and a Narrow Fridge](#) · [Tutorial](#)

Quality: 16,372 global accepts · Rating: 1300 · first AC: 2019-04-06 · GNU C++11 (first AC) · Tags: binary search, flows, greedy, sortings

[ExRoc's solution](#)

249.

1100B

[Build a Contest](#) · [Tutorial](#)

Quality: 11,775 global accepts · Rating: 1300 · first AC: 2019-01-13 · GNU C++11 (first AC) · Tags: data structures, implementation

[ExRoc's solution](#)

250.

1101B

[Accordion](#) · [Tutorial](#)

Quality: 11,117 global accepts · Rating: 1300 · first AC: 2019-01-11 · GNU C++11 (first AC) · Tags: greedy, implementation

[ExRoc's solution](#)

251.

1096B

[Substring Removal](#) · [Tutorial](#)

Quality: 11,685 global accepts · Rating: 1300 · first AC: 2018-12-29 · GNU C++11 (first AC) · Tags: combinatorics, math, strings

[ExRoc's solution](#)

252.

1093C

[Mishka and the Last Exam](#) · [Tutorial](#)

Quality: 9,719 global accepts · Rating: 1300 · first AC: 2018-12-15 · GNU C++11 (first AC) · Tags: greedy

[ExRoc's solution](#)

253.

1038C

[Gambling](#) · [Tutorial](#)

Quality: 9,814 global accepts · Rating: 1300 · first AC: 2018-09-06 · GNU C++11 (first AC) · Tags: greedy, sortings

[ExRoc's solution](#)

254.

1037C

[Equalize](#) · [Tutorial](#)

Quality: 20,112 global accepts · Rating: 1300 · first AC: 2018-09-02 · GNU C++11 (first AC) · Tags: dp, greedy, strings

[ExRoc's solution](#)

255.

1037B

[Reach Median](#) · [Tutorial](#)

Quality: 10,878 global accepts · Rating: 1300 · first AC: 2018-09-02 · GNU C++11 (first AC) · Tags: greedy

[ExRoc's solution](#)

256.

1037A

[Packets](#) · [Tutorial](#)

Quality: 11,831 global accepts · Rating: 1300 · first AC: 2018-09-02 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, math

[ExRoc's solution](#)

257.

1016B

[Segment Occurrences](#) · [Tutorial](#)

Quality: 10,151 global accepts · Rating: 1300 · first AC: 2018-08-03 · last AC: 2018-08-03 · GNU C++11 (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

258.

932B

[Recursive Queries](#) · [Tutorial](#)

Quality: 9,262 global accepts · Rating: 1300 · first AC: 2018-02-15 · last AC: 2018-07-25 · GNU C++ (first AC) · Tags: binary search, data structures, dfs and similar

[ExRoc's solution](#)

259.

922B

[Magic Forest](#) · [Tutorial](#)

Quality: 9,449 global accepts · Rating: 1300 · first AC: 2018-02-07 · last AC: 2018-07-24 · GNU C++11 (first AC) · Tags: brute force

[ExRoc's solution](#)

260.

922A

[Cloning Toys](#) · [Tutorial](#)

Quality: 12,603 global accepts · Rating: 1300 · first AC: 2018-02-07 · last AC: 2018-07-24 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

261.

919C

[Seat Arrangements](#) · [Tutorial](#)

Quality: 9,430 global accepts · Rating: 1300 · first AC: 2018-01-31 · last AC: 2018-07-23 · GNU C++ (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

262.

899C

[Dividing the numbers](#) · [Tutorial](#)

Quality: 9,046 global accepts · Rating: 1300 · first AC: 2018-02-04 · last AC: 2018-07-15 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, math

[ExRoc's solution](#)

263.

893C

[Rumor](#) · [Tutorial](#)

Quality: 28,279 global accepts · Rating: 1300 · first AC: 2017-11-25 · last AC: 2018-07-14 · GNU C++11 (first AC) · Tags: dfs and similar, graphs, greedy

[ExRoc's solution](#)

264.

1007A

[Reorder the Array](#) · [Tutorial](#)

Quality: 13,069 global accepts · Rating: 1300 · first AC: 2018-07-13 · GNU C++11 (first AC) · Tags: combinatorics, data structures, math, sortings, two pointers

[ExRoc's solution](#)

265.

890C

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

Rating: 1300 · first AC: 2017-11-14 · last AC: 2018-07-11 · GNU C++ (first AC) · Tags: greedy, implementation, trees

[ExRoc's solution](#)

266.

1005C

[Summarize to the Power of Two](#) · [Tutorial](#)

Quality: 13,055 global accepts · Rating: 1300 · first AC: 2018-07-09 · GNU C++11 (first AC) · Tags: brute force, greedy, implementation

[ExRoc's solution](#)

267.

887B

[Cubes for Masha](#) · [Tutorial](#)

Quality: 5,955 global accepts · Rating: 1300 · first AC: 2017-11-15 · last AC: 2018-07-09 · GNU C++ (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

268.

1004B

[Sonya and Exhibition](#) · [Tutorial](#)

Quality: 9,935 global accepts · Rating: 1300 · first AC: 2018-07-05 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, implementation, math

[ExRoc's solution](#)

269.

1003C

[Intense Heat](#) · [Tutorial](#)

Quality: 11,529 global accepts · Rating: 1300 · first AC: 2018-07-04 · GNU C++11 (first AC) · Tags: brute force, implementation, math

[ExRoc's solution](#)

270.

1003B

[Binary String Constructing](#) · [Tutorial](#)

Quality: 12,225 global accepts · Rating: 1300 · first AC: 2018-07-04 · GNU C++11 (first AC) · Tags: constructive algorithms

[ExRoc's solution](#)

271.

876B

[Divisibility of Differences](#) · [Tutorial](#)

Quality: 10,326 global accepts · Rating: 1300 · first AC: 2017-10-16 · last AC: 2018-06-30 · GNU C++ (first AC) · Tags: implementation, math, number theory

[ExRoc's solution](#)

272.

828B

[Black Square](#) · [Tutorial](#)

Quality: 6,124 global accepts · Rating: 1300 · first AC: 2017-07-15 · last AC: 2018-06-26 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

273.

821B

[Okabe and Banana Trees](#) · [Tutorial](#)

Quality: 6,051 global accepts · Rating: 1300 · first AC: 2017-06-26 · last AC: 2018-06-23 · GNU C++ (first AC) · Tags: brute force, math

[ExRoc's solution](#)

274.

982B

[Bus of Characters](#) · [Tutorial](#)

Quality: 8,949 global accepts · Rating: 1300 · first AC: 2018-05-18 · GNU C++11 (first AC) · Tags: data structures, greedy, implementation

[ExRoc's solution](#)

275.

962B

[Students in Railway Carriage](#) · [Tutorial](#)

Quality: 8,035 global accepts · Rating: 1300 · first AC: 2018-04-10 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, implementation

[ExRoc's solution](#)

276.

962A

[Equator](#) · [Tutorial](#)

Quality: 13,432 global accepts · Rating: 1300 · first AC: 2018-04-10 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

277.

956A

[Mystical Mosaic](#) · [Tutorial](#)

Rating: 1300 · first AC: 2018-03-24 · GNU C++ (first AC) · Tags: greedy, implementation

[ExRoc's solution](#)

278.

659B

[Qualifying Contest](#) · [Tutorial](#)

Quality: 6,624 global accepts · Rating: 1300 · first AC: 2018-03-19 · GNU C++ (first AC) · Tags: constructive algorithms, sortings

[ExRoc's solution](#)

279.

953A

[2-3-numbers](#) · [Tutorial](#)

Rating: 1300 · first AC: 2018-03-17 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

280.

946C

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

Quality: 9,380 global accepts · Rating: 1300 · first AC: 2018-03-06 · GNU C++ (first AC) · Tags: greedy, strings

[ExRoc's solution](#)

281.

545D

[Queue](#) · [Tutorial](#)

Quality: 29,538 global accepts · Rating: 1300 · first AC: 2018-01-29 · GNU C++ (first AC) · Tags: greedy, implementation, sortings

[ExRoc's solution](#)

282.

909B

[Segments](#) · [Tutorial](#)

Quality: 6,763 global accepts · Rating: 1300 · first AC: 2018-01-24 · last AC: 2018-01-25 · GNU C++ (first AC) · Tags: constructive algorithms, math

[ExRoc's solution](#)

283.

915B

[Browser](#) · [Tutorial](#)

Quality: 8,400 global accepts · Rating: 1300 · first AC: 2018-01-13 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

284.

912B

[New Year's Eve](#) · [Tutorial](#)

Quality: 13,839 global accepts · Rating: 1300 · first AC: 2018-01-05 · GNU C++ (first AC) · Tags: bitmasks, constructive algorithms, number theory

[ExRoc's solution](#)

285.

907A

[Masha and Bears](#) · [Tutorial](#)

Quality: 5,961 global accepts · Rating: 1300 · first AC: 2017-12-23 · GNU C++11 (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

286.

900B

[Position in Fraction](#) · [Tutorial](#)

Quality: 8,377 global accepts · Rating: 1300 · first AC: 2017-12-18 · last AC: 2017-12-18 · GNU C++11 (first AC) · Tags: math, number theory

[ExRoc's solution](#)

287.

897B

[Chtholly's request](#) · [Tutorial](#)

Quality: 7,551 global accepts · Rating: 1300 · first AC: 2017-12-09 · GNU C++11 (first AC) · Tags: brute force

[ExRoc's solution](#)

288.

796B

[Find The Bone](#) · [Tutorial](#)

Quality: 9,735 global accepts · Rating: 1300 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

289.

820B

[Mister B and Angle in Polygon](#) · [Tutorial](#)

Quality: 5,513 global accepts · Rating: 1300 · first AC: 2017-06-28 · GNU C++ (first AC) · Tags: constructive algorithms, geometry, math

[ExRoc's solution](#)

290.

4C

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

Quality: 108,202 global accepts · Rating: 1300 · first AC: 2017-06-21 · GNU C++ (first AC) · Tags: data structures, hashing, implementation

[ExRoc's solution](#)

291.

792B

[Counting-out Rhyme](#) · [Tutorial](#)

Quality: 6,554 global accepts · Rating: 1300 · first AC: 2017-05-06 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

292.

787B

[Not Afraid](#) · [Tutorial](#)

Quality: 5,768 global accepts · Rating: 1300 · first AC: 2017-05-04 · Java 8 (first AC) · Tags: greedy, implementation, math

[ExRoc's solution](#)

293.

690C1

[Brain Network \(easy\)](#) · [Tutorial](#)

Quality: 3,174 global accepts · Rating: 1300 · first AC: 2017-04-28 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

294.

690F1

[Tree of Life \(easy\)](#) · [Tutorial](#)

Quality: 2,423 global accepts · Rating: 1300 · first AC: 2017-04-28 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

295.

1362C

[Johnny and Another Rating Drop](#) · [Tutorial](#)

Quality: 23,714 global accepts · Rating: 1400 · first AC: 2024-06-11 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, greedy, math

[ExRoc's solution](#)

296.

1375C

[Element Extermination](#) · [Tutorial](#)

Quality: 22,951 global accepts · Rating: 1400 · first AC: 2020-07-04 · GNU C++11 (first AC) · Tags: constructive algorithms, data structures, greedy

[ExRoc's solution](#)

297.

1348B

[Phoenix and Beauty](#) · [Tutorial](#)

Quality: 27,495 global accepts · Rating: 1400 · first AC: 2020-05-01 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, data structures, greedy, sortings

[ExRoc's solution](#)

298.

1324D

[Pair of Topics](#) · [Tutorial](#)

Quality: 34,101 global accepts · Rating: 1400 · first AC: 2020-03-15 · GNU C++11 (first AC) · Tags: binary search, data structures, sortings, two pointers

[ExRoc's solution](#)

299.

1312C

[Adding Powers](#) · [Tutorial](#)

Quality: 18,349 global accepts · Rating: 1400 · first AC: 2020-03-11 · GNU C++11 (first AC) · Tags: bitmasks, greedy, implementation, math, number theory, ternary search

[ExRoc's solution](#)

300.

1253B

[Silly Mistake](#) · [Tutorial](#)

Quality: 11,706 global accepts · Rating: 1400 · first AC: 2019-11-16 · GNU C++11 (first AC) · Tags: greedy, implementation

[ExRoc's solution](#)

301.

1256B

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

Quality: 13,683 global accepts · Rating: 1400 · first AC: 2019-11-05 · GNU C++11 (first AC) · Tags: greedy

[ExRoc's solution](#)

302.

1245C

[Constanze's Machine](#) · [Tutorial](#)

Quality: 19,875 global accepts · Rating: 1400 · first AC: 2019-11-04 · GNU C++11 (first AC) · Tags: dp

[ExRoc's solution](#)

303.

1200C

[Round Corridor](#) · [Tutorial](#)

Quality: 10,636 global accepts · Rating: 1400 · first AC: 2019-08-11 · GNU C++11 (first AC) · Tags: math, number theory

[ExRoc's solution](#)

304.

1191C

[Tokitsukaze and Discard Items](#) · [Tutorial](#)

Rating: 1400 · first AC: 2019-07-13 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

305.

1183D

[Candy Box \(easy version\)](#) · [Tutorial](#)

Quality: 20,431 global accepts · Rating: 1400 · first AC: 2019-06-26 · GNU C++11 (first AC) · Tags: greedy, sortings

[ExRoc's solution](#)

306.

1183C

[Computer Game](#) · [Tutorial](#)

Quality: 15,046 global accepts · Rating: 1400 · first AC: 2019-06-26 · GNU C++11 (first AC) · Tags: binary search, math

[ExRoc's solution](#)

307.

1167B

[Lost Numbers](#) · [Tutorial](#)

Quality: 16,473 global accepts · Rating: 1400 · first AC: 2019-05-15 · GNU C++11 (first AC) · Tags: brute force, divide and conquer, interactive, math

[ExRoc's solution](#)

308.

1167C

[News Distribution](#) · [Tutorial](#)

Quality: 26,014 global accepts · Rating: 1400 · first AC: 2019-05-15 · GNU C++11 (first AC) · Tags: dfs and similar, dsu, graphs

[ExRoc's solution](#)

309.

1110B

[Tape](#) · [Tutorial](#)

Quality: 16,601 global accepts · Rating: 1400 · first AC: 2019-02-07 · GNU C++11 (first AC) · Tags: greedy, sortings

[ExRoc's solution](#)

310.

1102B

[Array K-Coloring](#) · [Tutorial](#)

Quality: 11,153 global accepts · Rating: 1400 · first AC: 2019-01-09 · GNU C++11 (first AC) · Tags: greedy, sortings

[ExRoc's solution](#)

311.

1097C

[Yuhao and a Parenthesis](#) · [Tutorial](#)

Quality: 8,785 global accepts · Rating: 1400 · first AC: 2019-01-04 · GNU C++11 (first AC) · Tags: greedy, implementation

[ExRoc's solution](#)

312.

1091C

[New Year and the Sphere Transmission](#) · [Tutorial](#)

Quality: 10,558 global accepts · Rating: 1400 · first AC: 2018-12-30 · GNU C++11 (first AC) · Tags: math, number theory

[ExRoc's solution](#)

313.

1095C

[Powers Of Two](#) · [Tutorial](#)

Quality: 19,588 global accepts · Rating: 1400 · first AC: 2018-12-27 · GNU C++11 (first AC) · Tags: bitmasks, greedy

[ExRoc's solution](#)

314.

934A

[A Compatible Pair](#) · [Tutorial](#)

Quality: 7,602 global accepts · Rating: 1400 · first AC: 2018-02-14 · last AC: 2018-07-24 · GNU C++ (first AC) · Tags: brute force, games

[ExRoc's solution](#)

315.

920C

[Swap Adjacent Elements](#) · [Tutorial](#)

Quality: 9,974 global accepts · Rating: 1400 · first AC: 2018-02-02 · last AC: 2018-07-23 · GNU C++ (first AC) · Tags: dfs and similar, greedy, math, sortings, two pointers

[ExRoc's solution](#)

316.

888C

[K-Dominant Character](#) · [Tutorial](#)

Quality: 8,985 global accepts · Rating: 1400 · first AC: 2017-11-16 · last AC: 2018-07-09 · GNU C++11 (first AC) · Tags: binary search, implementation, two pointers

[ExRoc's solution](#)

317.

1004C

[Sonya and Robots](#) · [Tutorial](#)

Quality: 7,881 global accepts · Rating: 1400 · first AC: 2018-07-05 · GNU C++11 (first AC) · Tags: constructive algorithms, implementation

[ExRoc's solution](#)

318.

995B

[Suit and Tie](#) · [Tutorial](#)

Quality: 7,446 global accepts · Rating: 1400 · first AC: 2018-06-24 · GNU C++11 (first AC) · Tags: greedy, implementation, math

[ExRoc's solution](#)

319.

699C

[Vacations](#) · [Tutorial](#)

Rating: 1400 · first AC: 2018-01-27 · last AC: 2018-06-15 · GNU C++ (first AC) · Tags: brute force, dp

[ExRoc's solution](#)

320.

988C

[Equal Sums](#) · [Tutorial](#)

Quality: 11,136 global accepts · Rating: 1400 · first AC: 2018-06-01 · GNU C++11 (first AC) · Tags: implementation, sortings

[ExRoc's solution](#)

321.

987C

[Three displays](#) · [Tutorial](#)

Quality: 15,063 global accepts · Rating: 1400 · first AC: 2018-05-29 · GNU C++11 (first AC) · Tags: brute force, dp, implementation

[ExRoc's solution](#)

322.

981C

[Useful Decomposition](#) · [Tutorial](#)

Quality: 6,857 global accepts · Rating: 1400 · first AC: 2018-05-27 · GNU C++11 (first AC) · Tags: implementation, trees

[ExRoc's solution](#)

323.

977D

[Divide by three, multiply by two](#) · [Tutorial](#)

Quality: 20,529 global accepts · Rating: 1400 · first AC: 2018-05-25 · GNU C++11 (first AC) · Tags: dfs and similar, math, sortings

[ExRoc's solution](#)

324.

978E

[Bus Video System](#) · [Tutorial](#)

Quality: 10,594 global accepts · Rating: 1400 · first AC: 2018-05-21 · GNU C++11 (first AC) · Tags: combinatorics, math

[ExRoc's solution](#)

325.

954B

[String Typing](#) · [Tutorial](#)

Quality: 7,791 global accepts · Rating: 1400 · first AC: 2018-05-07 · last AC: 2018-05-07 · C++17 (GCC 7-32) (first AC) · Tags: implementation, strings

[ExRoc's solution](#)

326.

962C

[Make a Square](#) · [Tutorial](#)

Quality: 8,357 global accepts · Rating: 1400 · first AC: 2018-04-10 · GNU C++ (first AC) · Tags: brute force, implementation, math

[ExRoc's solution](#)

327.

745B

[Hongcow Solves A Puzzle](#) · [Tutorial](#)

Quality: 3,878 global accepts · Rating: 1400 · first AC: 2018-03-04 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

328.

699B

[One Bomb](#) · [Tutorial](#)

Quality: 7,949 global accepts · Rating: 1400 · first AC: 2018-01-27 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

329.

911C

[Three Garlands](#) · [Tutorial](#)

Quality: 7,335 global accepts · Rating: 1400 · first AC: 2018-01-16 · GNU C++ (first AC) · Tags: brute force, constructive algorithms

[ExRoc's solution](#)

330.

907B

[Tic-Tac-Toe](#) · [Tutorial](#)

Quality: 4,228 global accepts · Rating: 1400 · first AC: 2017-12-23 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

331.

797B

[Odd sum](#) · [Tutorial](#)

Quality: 11,520 global accepts · Rating: 1400 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: dp, greedy, implementation

[ExRoc's solution](#)

332.

612C

[Replace To Make Regular Bracket Sequence](#) · [Tutorial](#)

Quality: 9,861 global accepts · Rating: 1400 · first AC: 2017-10-01 · GNU C++ (first AC) · Tags: data structures, expression parsing, math

[ExRoc's solution](#)

333.

614B

[Gena's Code](#) · [Tutorial](#)

Quality: 7,295 global accepts · Rating: 1400 · first AC: 2017-05-22 · GNU C++ (first AC) · Tags: implementation, math

[ExRoc's solution](#)

334.

804B

[Minimum number of steps](#) · [Tutorial](#)

Quality: 10,163 global accepts · Rating: 1400 · first AC: 2017-05-05 · GNU C++ (first AC) · Tags: combinatorics, greedy, implementation, math

[ExRoc's solution](#)

335.

762B

[USB vs. PS/2](#) · [Tutorial](#)

Quality: 10,583 global accepts · Rating: 1400 · first AC: 2017-03-03 · GNU C++ (first AC) · Tags: greedy, implementation, sortings, two pointers

[ExRoc's solution](#)

336.

762A

[k-th divisor](#) · [Tutorial](#)

Quality: 25,809 global accepts · Rating: 1400 · first AC: 2017-03-03 · GNU C++ (first AC) · Tags: math, number theory

[ExRoc's solution](#)

337.

1340A

[Nastya and Strange Generator](#) · [Tutorial](#)

Quality: 13,691 global accepts · Rating: 1500 · first AC: 2020-04-23 · GNU C++11 (first AC) · Tags: brute force, data structures, greedy, implementation

[ExRoc's solution](#)

338.

1326D1

[Prefix-Suffix Palindrome \(Easy version\)](#) · [Tutorial](#)

Quality: 13,296 global accepts · Rating: 1500 · first AC: 2020-03-28 · GNU C++11 (first AC) · Tags: hashing, string suffix structures, strings

[ExRoc's solution](#)

339.

1325C

[Ehab and Path-etic MEXs](#) · [Tutorial](#)

Quality: 17,159 global accepts · Rating: 1500 · first AC: 2020-03-16 · GNU C++11 (first AC) · Tags: constructive algorithms, dfs and similar, greedy, trees

[ExRoc's solution](#)

340.

1253C

[Sweets Eating](#) · [Tutorial](#)

Quality: 15,306 global accepts · Rating: 1500 · first AC: 2019-11-16 · GNU C++11 (first AC) · Tags: dp, greedy, math, sortings

[ExRoc's solution](#)

341.

1256D

[Binary String Minimizing](#) · [Tutorial](#)

Quality: 12,748 global accepts · Rating: 1500 · first AC: 2019-11-11 · GNU C++11 (first AC) · Tags: greedy

[ExRoc's solution](#)

342.

1243C

[Tile Painting](#) · [Tutorial](#)

Rating: 1500 · first AC: 2019-11-11 · GNU C++11 (first AC) · Tags: number theory

[ExRoc's solution](#)

343.

1219D

[Workout plan](#) · [Tutorial](#)

Rating: 1500 · first AC: 2019-09-16 · GNU C++11 (first AC) · Tags: data structures, greedy

[ExRoc's solution](#)

344.

1166C

[A Tale of Two Lands](#) · [Tutorial](#)

Quality: 11,037 global accepts · Rating: 1500 · first AC: 2019-05-17 · GNU C++11 (first AC) · Tags: binary search, sortings, two pointers

[ExRoc's solution](#)

345.

1167D

[Bicolored RBS](#) · [Tutorial](#)

Quality: 7,370 global accepts · Rating: 1500 · first AC: 2019-05-15 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy

[ExRoc's solution](#)

346.

1119C

[Ramesses and Corner Inversion](#) · [Tutorial](#)

Quality: 7,178 global accepts · Rating: 1500 · first AC: 2019-04-06 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, implementation, math

[ExRoc's solution](#)

347.

1106D

[Lunar New Year and a Wander](#) · [Tutorial](#)

Quality: 19,665 global accepts · Rating: 1500 · first AC: 2019-04-02 · GNU C++11 (first AC) · Tags: data structures, dfs and similar, graphs, greedy, shortest paths

[ExRoc's solution](#)

348.

1106B

[Lunar New Year and Food Ordering](#) · [Tutorial](#)

Quality: 6,997 global accepts · Rating: 1500 · first AC: 2019-04-02 · GNU C++11 (first AC) · Tags: data structures, implementation

[ExRoc's solution](#)

349.

1114B

[Yet Another Array Partitioning Task](#) · [Tutorial](#)

Quality: 9,392 global accepts · Rating: 1500 · first AC: 2019-02-10 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, sortings

[ExRoc's solution](#)

350.

1110C

[Meaningless Operations](#) · [Tutorial](#)

Quality: 10,014 global accepts · Rating: 1500 · first AC: 2019-02-07 · GNU C++11 (first AC) · Tags: constructive algorithms, math, number theory

[ExRoc's solution](#)

351.

1105C

[Ayoub and Lost Array](#) · [Tutorial](#)

Quality: 11,368 global accepts · Rating: 1500 · first AC: 2019-01-20 · GNU C++11 (first AC) · Tags: combinatorics, dp, math

[ExRoc's solution](#)

352.

1101C

[Division and Union](#) · [Tutorial](#)

Quality: 12,041 global accepts · Rating: 1500 · first AC: 2019-01-11 · last AC: 2019-01-15 · GNU C++11 (first AC) · Tags: sortings

[ExRoc's solution](#)

353.

1101E

[Polycarp's New Job](#) · [Tutorial](#)

Quality: 8,259 global accepts · Rating: 1500 · first AC: 2019-01-11 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

354.

1102D

[Balanced Ternary String](#) · [Tutorial](#)

Quality: 8,562 global accepts · Rating: 1500 · first AC: 2019-01-09 · last AC: 2019-01-10 · GNU C++11 (first AC) · Tags: greedy, strings

[ExRoc's solution](#)

355.

1081C

[Colorful Bricks](#) · [Tutorial](#)

Quality: 8,559 global accepts · Rating: 1500 · first AC: 2018-12-16 · GNU C++11 (first AC) · Tags: combinatorics, dp, math

[ExRoc's solution](#)

356.

1081B

[Farewell Party](#) · [Tutorial](#)

Quality: 4,668 global accepts · Rating: 1500 · first AC: 2018-12-16 · GNU C++11 (first AC) · Tags: constructive algorithms, implementation

[ExRoc's solution](#)

357.

1011C

[Fly](#) · [Tutorial](#)

Rating: 1500 · first AC: 2018-07-26 · GNU C++11 (first AC) · Tags: binary search, greedy, math

[ExRoc's solution](#)

358.

902C

[Hashing Trees](#) · [Tutorial](#)

Rating: 1500 · first AC: 2018-01-31 · last AC: 2018-07-22 · GNU C++ (first AC) · Tags: constructive algorithms

[ExRoc's solution](#)

359.

892C

[Pride](#) · [Tutorial](#)

Rating: 1500 · first AC: 2017-11-17 · last AC: 2018-07-12 · GNU C++11 (first AC) · Tags: greedy

[ExRoc's solution](#)

360.

1005D

[Polycarp and Div 3](#) · [Tutorial](#)

Quality: 11,284 global accepts · Rating: 1500 · first AC: 2018-07-09 · GNU C++11 (first AC) · Tags: dp, greedy, number theory

[ExRoc's solution](#)

361.

884C

[Bertown Subway](#) · [Tutorial](#)

Quality: 5,170 global accepts · Rating: 1500 · first AC: 2017-11-22 · last AC: 2018-07-05 · GNU C++11 (first AC) · Tags: dfs and similar, greedy, math

[ExRoc's solution](#)

362.

998C

[Convert to Ones](#) · [Tutorial](#)

Rating: 1500 · first AC: 2018-07-01 · GNU C++11 (first AC) · Tags: math

[ExRoc's solution](#)

363.

877B

[Nikita and string](#) · [Tutorial](#)

Quality: 11,930 global accepts · Rating: 1500 · first AC: 2017-11-23 · last AC: 2018-07-01 · GNU C++11 (first AC) · Tags: brute force, dp

[ExRoc's solution](#)

364.

876D

[Sorting the Coins](#) · [Tutorial](#)

Rating: 1500 · first AC: 2017-10-16 · last AC: 2018-06-30 · GNU C++ (first AC) · Tags: dsu, implementation, sortings, trees, two pointers

[ExRoc's solution](#)

365.

991C

[Candies](#) · [Tutorial](#)

Quality: 11,514 global accepts · Rating: 1500 · first AC: 2018-06-23 · last AC: 2018-06-24 · GNU C++11 (first AC) · Tags: binary search, implementation

[ExRoc's solution](#)

366.

991D

[Bishwock](#) · [Tutorial](#)

Quality: 7,736 global accepts · Rating: 1500 · first AC: 2018-06-23 · GNU C++11 (first AC) · Tags: dp, greedy

[ExRoc's solution](#)

367.

821C

[Okabe and Boxes](#) · [Tutorial](#)

Quality: 7,916 global accepts · Rating: 1500 · first AC: 2017-06-26 · last AC: 2018-06-23 · GNU C++ (first AC) · Tags: data structures, greedy, trees

[ExRoc's solution](#)

368.

746D

[Green and Black Tea](#) · [Tutorial](#)

Quality: 5,367 global accepts · Rating: 1500 · first AC: 2018-02-07 · last AC: 2018-06-20 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, math

[ExRoc's solution](#)

369.

990C

[Bracket Sequences Concatenation Problem](#) · [Tutorial](#)

Quality: 6,293 global accepts · Rating: 1500 · first AC: 2018-06-10 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

370.

977E

[Cyclic Components](#) · [Tutorial](#)

Quality: 25,624 global accepts · Rating: 1500 · first AC: 2018-05-25 · GNU C++11 (first AC) · Tags: dfs and similar, dsu, graphs

[ExRoc's solution](#)

371.

985C

[Liebig's Barrels](#) · [Tutorial](#)

Quality: 5,975 global accepts · Rating: 1500 · first AC: 2018-05-21 · GNU C++11 (first AC) · Tags: greedy

[ExRoc's solution](#)

372.

978F

[Mentors](#) · [Tutorial](#)

Quality: 9,219 global accepts · Rating: 1500 · first AC: 2018-05-21 · GNU C++11 (first AC) · Tags: binary search, data structures, implementation

[ExRoc's solution](#)

373.

978D

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

Quality: 9,956 global accepts · Rating: 1500 · first AC: 2018-05-20 · GNU C++11 (first AC) · Tags: brute force, implementation, math

[ExRoc's solution](#)

374.

982C

[Cut 'em all!](#) · [Tutorial](#)

Quality: 15,864 global accepts · Rating: 1500 · first AC: 2018-05-18 · GNU C++11 (first AC) · Tags: dfs and similar, dp, graphs, greedy, trees

[ExRoc's solution](#)

375.

960B

[Minimize the error](#) · [Tutorial](#)

Quality: 12,398 global accepts · Rating: 1500 · first AC: 2018-04-07 · GNU C++ (first AC) · Tags: data structures, greedy, sortings

[ExRoc's solution](#)

376.

554C

[Kyoya and Colored Balls](#) · [Tutorial](#)

Rating: 1500 · first AC: 2018-03-20 · GNU C++ (first AC) · Tags: combinatorics, dp, math

[ExRoc's solution](#)

377.

659D

[Bicycle Race](#) · [Tutorial](#)

Quality: 6,711 global accepts · Rating: 1500 · first AC: 2018-03-19 · GNU C++ (first AC) · Tags: geometry, implementation, math

[ExRoc's solution](#)

378.

931D

[Peculiar apple-tree](#) · [Tutorial](#)

Rating: 1500 · first AC: 2018-03-04 · GNU C++ (first AC) · Tags: dfs and similar, graphs, trees

[ExRoc's solution](#)

379.

745C

[Hongcow Builds A Nation](#) · [Tutorial](#)

Rating: 1500 · first AC: 2018-03-04 · GNU C++ (first AC) · Tags: constructive algorithms, dfs and similar, graphs

[ExRoc's solution](#)

380.

166E

[Tetrahedron](#) · [Tutorial](#)

Quality: 25,628 global accepts · Rating: 1500 · first AC: 2018-02-05 · GNU C++ (first AC) · Tags: dp, math, matrices

[ExRoc's solution](#)

381.

166C

[Median](#) · [Tutorial](#)

Quality: 7,431 global accepts · Rating: 1500 · first AC: 2018-02-05 · GNU C++ (first AC) · Tags: greedy, math, sortings

[ExRoc's solution](#)

382.

742B

[Arpa's obvious problem and Mehrdad's terrible solution](#) · [Tutorial](#)

Quality: 10,061 global accepts · Rating: 1500 · first AC: 2018-02-02 · GNU C++ (first AC) · Tags: brute force, math, number theory

[ExRoc's solution](#)

383.

545C

[Woodcutters](#) · [Tutorial](#)

Quality: 32,881 global accepts · Rating: 1500 · first AC: 2018-01-29 · GNU C++ (first AC) · Tags: dp, greedy

[ExRoc's solution](#)

384.

839C

[Journey](#) · [Tutorial](#)

Quality: 20,098 global accepts · Rating: 1500 · first AC: 2018-01-25 · GNU C++ (first AC) · Tags: dfs and similar, dp, graphs, probabilities, trees

[ExRoc's solution](#)

385.

908C

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

Quality: 7,204 global accepts · Rating: 1500 · first AC: 2017-12-29 · GNU C++ (first AC) · Tags: brute force, geometry, implementation, math

[ExRoc's solution](#)

386.

670D2

[Magic Powder - 2](#) · [Tutorial](#)

Quality: 19,396 global accepts · Rating: 1500 · first AC: 2017-12-06 · last AC: 2017-12-06 · GNU C++11 (first AC) · Tags: binary search, implementation

[ExRoc's solution](#)

387.

743C

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

Quality: 13,404 global accepts · Rating: 1500 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: brute force, constructive algorithms, math, number theory

[ExRoc's solution](#)

388.

837C

[Two Seals](#) · [Tutorial](#)

Quality: 4,563 global accepts · Rating: 1500 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

389.

853A

[Planning](#) · [Tutorial](#)

Quality: 6,191 global accepts · Rating: 1500 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: greedy

[ExRoc's solution](#)

390.

887C

[Solution for Cube](#) · [Tutorial](#)

Quality: 2,976 global accepts · Rating: 1500 · first AC: 2017-11-15 · GNU C++ (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

391.

2A

[Winner](#) · [Tutorial](#)

Quality: 31,233 global accepts · Rating: 1500 · first AC: 2017-06-20 · GNU C++ (first AC) · Tags: hashing, implementation

[ExRoc's solution](#)

392.

690C2

[Brain Network \(medium\)](#) · [Tutorial](#)

Quality: 5,012 global accepts · Rating: 1500 · first AC: 2017-04-28 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, graphs, trees

[ExRoc's solution](#)

393.

791C

[Bear and Different Names](#) · [Tutorial](#)

Rating: 1500 · first AC: 2017-04-08 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[ExRoc's solution](#)

394.

791B

[Bear and Friendship Condition](#) · [Tutorial](#)

Rating: 1500 · first AC: 2017-04-08 · GNU C++ (first AC) · Tags: dfs and similar, dsu, graphs

[ExRoc's solution](#)

395.

2197D

[Another Problem about Beautiful Pairs](#) · [Tutorial](#)

Rating: 1600 · first AC: 2026-02-18 · last AC: 2026-02-18 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, divide and conquer, math, number theory

[ExRoc's solution](#)

396.

1364C

[Ehab and Prefix MEXs](#) · [Tutorial](#)

Quality: 14,360 global accepts · Rating: 1600 · first AC: 2020-06-13 · GNU C++11 (first AC) · Tags: brute force, constructive algorithms, greedy

[ExRoc's solution](#)

397.

1348C

[Phoenix and Distribution](#) · [Tutorial](#)

Quality: 15,484 global accepts · Rating: 1600 · first AC: 2020-05-01 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy,

sortings, strings

[ExRoc's solution](#)

398.

1336A

[Linova and Kingdom](#) · [Tutorial](#)

Quality: 24,671 global accepts · Rating: 1600 · first AC: 2020-04-15 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, dp, greedy, sortings, trees

[ExRoc's solution](#)

399.

1327C

[Game with Chips](#) · [Tutorial](#)

Quality: 14,086 global accepts · Rating: 1600 · first AC: 2020-03-29 · GNU C++11 (first AC) · Tags: constructive algorithms, implementation

[ExRoc's solution](#)

400.

1243B2

[Character Swap \(Hard Version\)](#) · [Tutorial](#)

Quality: 7,307 global accepts · Rating: 1600 · first AC: 2019-11-11 · GNU C++11 (first AC) · Tags: strings

[ExRoc's solution](#)

401.

1099D

[Sum in the tree](#) · [Tutorial](#)

Rating: 1600 · first AC: 2019-01-05 · GNU C++11 (first AC) · Tags: constructive algorithms, trees

[ExRoc's solution](#)

402.

1096C

[Polygon for the Angle](#) · [Tutorial](#)

Quality: 7,240 global accepts · Rating: 1600 · first AC: 2018-12-29 · GNU C++11 (first AC) · Tags: brute force, geometry

[ExRoc's solution](#)

403.

1095D

[Circular Dance](#) · [Tutorial](#)

Quality: 8,094 global accepts · Rating: 1600 · first AC: 2018-12-27 · GNU C++11 (first AC) · Tags: implementation

[ExRoc's solution](#)

404.

1086A

[Connect Three](#) · [Tutorial](#)

Rating: 1600 · first AC: 2018-12-23 · GNU C++11 (first AC) · Tags: greedy, implementation

[ExRoc's solution](#)

405.

1028C

[Rectangles](#) · [Tutorial](#)

Quality: 5,052 global accepts · Rating: 1600 · first AC: 2018-08-28 · GNU C++11 (first AC) · Tags: geometry, implementation, sortings

[ExRoc's solution](#)

406.

1017C

[The Phone Number](#) · [Tutorial](#)

Quality: 6,471 global accepts · Rating: 1600 · first AC: 2018-08-08 · last AC: 2018-08-09 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy

[ExRoc's solution](#)

407.

950C

[Zebras](#) · [Tutorial](#)

Rating: 1600 · first AC: 2018-03-09 · last AC: 2018-08-03 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[ExRoc's solution](#)

408.

1015D

[Walking Between Houses](#) · [Tutorial](#)

Quality: 8,961 global accepts · Rating: 1600 · first AC: 2018-07-31 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy
[ExRoc's solution](#)

409.

935C

[Fifa and Fafa](#) · [Tutorial](#)

Quality: 5,007 global accepts · Rating: 1600 · first AC: 2018-02-19 · last AC: 2018-07-28 · GNU C++ (first AC) · Tags: geometry
[ExRoc's solution](#)

410.

939D

[Love Rescue](#) · [Tutorial](#)

Quality: 8,111 global accepts · Rating: 1600 · first AC: 2018-02-17 · last AC: 2018-07-26 · GNU C++ (first AC) · Tags: dfs and similar, dsu, graphs, greedy, strings
[ExRoc's solution](#)

411.

939C

[Convenient For Everybody](#) · [Tutorial](#)

Quality: 4,926 global accepts · Rating: 1600 · first AC: 2018-02-17 · last AC: 2018-07-26 · GNU C++ (first AC) · Tags: binary search, two pointers
[ExRoc's solution](#)

412.

932C

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

Quality: 4,239 global accepts · Rating: 1600 · first AC: 2018-07-25 · GNU C++11 (first AC) · Tags: brute force, constructive algorithms
[ExRoc's solution](#)

413.

922C

[Cave Painting](#) · [Tutorial](#)

Quality: 7,568 global accepts · Rating: 1600 · first AC: 2018-02-07 · last AC: 2018-07-24 · GNU C++11 (first AC) · Tags: brute force, number theory
[ExRoc's solution](#)

414.

888D

[Almost Identity Permutations](#) · [Tutorial](#)

Quality: 10,506 global accepts · Rating: 1600 · first AC: 2017-11-16 · last AC: 2018-07-09 · GNU C++11 (first AC) · Tags: combinatorics, dp, math
[ExRoc's solution](#)

415.

1003D

[Coins and Queries](#) · [Tutorial](#)

Quality: 8,563 global accepts · Rating: 1600 · first AC: 2018-07-03 · GNU C++11 (first AC) · Tags: greedy
[ExRoc's solution](#)

416.

879C

[Short Program](#) · [Tutorial](#)

Rating: 1600 · first AC: 2017-10-26 · last AC: 2018-07-03 · GNU C++ (first AC) · Tags: bitmasks, constructive algorithms, graph matchings
[ExRoc's solution](#)

417.

877C

[Slava and tanks](#) · [Tutorial](#)

Quality: 6,066 global accepts · Rating: 1600 · first AC: 2017-11-23 · last AC: 2018-07-01 · GNU C++11 (first AC) · Tags: constructive algorithms
[ExRoc's solution](#)

418.

822C

[Hacker, pack your bags!](#) · [Tutorial](#)

Quality: 4,938 global accepts · Rating: 1600 · first AC: 2017-07-08 · last AC: 2018-06-25 · GNU C++ (first AC) · Tags: binary search, greedy, implementation, sortings

[ExRoc's solution](#)

419.

818B

[Permutation Game](#) · [Tutorial](#)

Quality: 3,225 global accepts · Rating: 1600 · first AC: 2017-06-29 · last AC: 2018-06-25 · GNU C++ (first AC) · Tags: implementation

[ExRoc's solution](#)

420.

746C

[Tram](#) · [Tutorial](#)

Quality: 3,859 global accepts · Rating: 1600 · first AC: 2018-02-07 · last AC: 2018-06-20 · GNU C++ (first AC) · Tags: constructive algorithms, implementation, math

[ExRoc's solution](#)

421.

992C

[Nastya and a Wardrobe](#) · [Tutorial](#)

Quality: 4,871 global accepts · Rating: 1600 · first AC: 2018-06-18 · GNU C++11 (first AC) · Tags: math

[ExRoc's solution](#)

422.

992B

[Nastya Studies Informatics](#) · [Tutorial](#)

Quality: 6,771 global accepts · Rating: 1600 · first AC: 2018-06-18 · GNU C++11 (first AC) · Tags: math, number theory

[ExRoc's solution](#)

423.

993A

[Two Squares](#) · [Tutorial](#)

Quality: 4,461 global accepts · Rating: 1600 · first AC: 2018-06-16 · GNU C++11 (first AC) · Tags: geometry, implementation

[ExRoc's solution](#)

424.

742D

[Arpa's weak amphitheater and Mehrdad's valuable Hoses](#) · [Tutorial](#)

Rating: 1600 · first AC: 2018-02-02 · last AC: 2018-06-16 · GNU C++ (first AC) · Tags: dfs and similar, dp, dsu

[ExRoc's solution](#)

425.

742C

[Arpa's loud Owf and Mehrdad's evil plan](#) · [Tutorial](#)

Rating: 1600 · first AC: 2018-02-02 · last AC: 2018-06-15 · GNU C++ (first AC) · Tags: dfs and similar, math

[ExRoc's solution](#)

426.

659E

[New Reform](#) · [Tutorial](#)

Quality: 7,992 global accepts · Rating: 1600 · first AC: 2018-03-19 · last AC: 2018-06-14 · GNU C++ (first AC) · Tags: data structures, dfs and similar, dsu, graphs, greedy

[ExRoc's solution](#)

427.

987D

[Fair](#) · [Tutorial](#)

Rating: 1600 · first AC: 2018-05-29 · GNU C++11 (first AC) · Tags: graphs, shortest paths

[ExRoc's solution](#)

428.

979C

[Kuro and Walking Route](#) · [Tutorial](#)

Quality: 7,334 global accepts · Rating: 1600 · first AC: 2018-05-14 · GNU C++11 (first AC) · Tags: dfs and similar, trees

[ExRoc's solution](#)

429.

980B

[Marlin](#) · [Tutorial](#)

Quality: 4,924 global accepts · Rating: 1600 · first AC: 2018-05-08 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms

[ExRoc's solution](#)

430.

962D

[Merge Equals](#) · [Tutorial](#)

Quality: 7,364 global accepts · Rating: 1600 · first AC: 2018-04-10 · GNU C++ (first AC) · Tags: data structures, implementation

[ExRoc's solution](#)

431.

956B

[Three-level Laser](#) · [Tutorial](#)

Rating: 1600 · first AC: 2018-03-24 · GNU C++ (first AC) · Tags: binary search, greedy, two pointers

[ExRoc's solution](#)

432.

947B

[Producing Snow](#) · [Tutorial](#)

Rating: 1600 · first AC: 2018-03-10 · GNU C++ (first AC) · Tags: binary search, data structures, implementation

[ExRoc's solution](#)

433.

931E

[Game with String](#) · [Tutorial](#)

Rating: 1600 · first AC: 2018-03-04 · GNU C++ (first AC) · Tags: implementation, math, probabilities

[ExRoc's solution](#)

434.

782B

[The Meeting Place Cannot Be Changed](#) · [Tutorial](#)

Rating: 1600 · first AC: 2018-01-29 · GNU C++ (first AC) · Tags: binary search, ternary search

[ExRoc's solution](#)

435.

101647A

[Set Theory](#) · [Tutorial](#)

Rating: 1600 · first AC: 2018-01-26 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

436.

916C

[Jamie and Interesting Graph](#) · [Tutorial](#)

Quality: 5,541 global accepts · Rating: 1600 · first AC: 2018-01-19 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, shortest paths

[ExRoc's solution](#)

437.

913C

[Party Lemonade](#) · [Tutorial](#)

Quality: 8,463 global accepts · Rating: 1600 · first AC: 2018-01-15 · GNU C++ (first AC) · Tags: bitmasks, dp, greedy

[ExRoc's solution](#)

438.

907C

[Shockers](#) · [Tutorial](#)

Rating: 1600 · first AC: 2017-12-23 · last AC: 2017-12-26 · GNU C++11 (first AC) · Tags: bitmasks, implementation, strings

[ExRoc's solution](#)

439.

525C

[Ilya and Sticks](#) · [Tutorial](#)

Quality: 6,066 global accepts · Rating: 1600 · first AC: 2017-11-24 · GNU C++11 (first AC) · Tags: greedy, math, sortings

[ExRoc's solution](#)

440.

814C

[An impassioned circulation of affection](#) · [Tutorial](#)

Quality: 7,735 global accepts · Rating: 1600 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: brute force, dp, strings, two pointers

[ExRoc's solution](#)

441.

837B

[Flag of Berland](#) · [Tutorial](#)

Quality: 4,365 global accepts · Rating: 1600 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: brute force, implementation

[ExRoc's solution](#)

442.

75C

[Modified GCD](#) · [Tutorial](#)

Quality: 15,652 global accepts · Rating: 1600 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: binary search, number theory

[ExRoc's solution](#)

443.

1B

[Spreadsheet](#) · [Tutorial](#)

Quality: 26,321 global accepts · Rating: 1600 · first AC: 2017-06-20 · GNU C++ (first AC) · Tags: implementation, math

[ExRoc's solution](#)

444.

615B

[Longtail Hedgehog](#) · [Tutorial](#)

Quality: 5,740 global accepts · Rating: 1600 · first AC: 2017-05-22 · GNU C++ (first AC) · Tags: dp, graphs

[ExRoc's solution](#)

445.

788A

[Functions again](#) · [Tutorial](#)

Quality: 10,205 global accepts · Rating: 1600 · first AC: 2017-05-18 · GNU C++ (first AC) · Tags: dp, two pointers

[ExRoc's solution](#)

446.

1361A

[Johnny and Contribution](#) · [Tutorial](#)

Quality: 8,845 global accepts · Rating: 1700 · first AC: 2020-06-04 · GNU C++11 (first AC) · Tags: constructive algorithms, graphs, greedy, sortings

[ExRoc's solution](#)

447.

1340B

[Nastya and Scoreboard](#) · [Tutorial](#)

Quality: 8,311 global accepts · Rating: 1700 · first AC: 2020-04-23 · GNU C++11 (first AC) · Tags: bitmasks, dp, graphs, greedy

[ExRoc's solution](#)

448.

1336B

[Xenia and Colorful Gems](#) · [Tutorial](#)

Quality: 12,128 global accepts · Rating: 1700 · first AC: 2020-04-15 · C++17 (GCC 7-32) (first AC) · Tags: binary search, greedy, math, sortings, two pointers

[ExRoc's solution](#)

449.

1335E1

[Three Blocks Palindrome \(easy version\)](#) · [Tutorial](#)

Quality: 11,748 global accepts · Rating: 1700 · first AC: 2020-04-13 · C++17 (GCC 7-32) (first AC) · Tags: binary search, brute force, data structures, dp, two pointers

[ExRoc's solution](#)

450.

1325D

[Ehab the Xorcist](#) · [Tutorial](#)

Quality: 13,589 global accepts · Rating: 1700 · first AC: 2020-03-16 · GNU C++11 (first AC) · Tags: bitmasks, constructive algorithms, greedy, number theory

[ExRoc's solution](#)

451.

1324E

[Sleeping Schedule](#) · [Tutorial](#)

Quality: 17,016 global accepts · Rating: 1700 · first AC: 2020-03-15 · GNU C++11 (first AC) · Tags: dp, implementation

[ExRoc's solution](#)

452.

1312D

[Count the Arrays](#) · [Tutorial](#)

Quality: 10,528 global accepts · Rating: 1700 · first AC: 2020-03-11 · GNU C++11 (first AC) · Tags: combinatorics, math

[ExRoc's solution](#)

453.

1253D

[Harmonious Graph](#) · [Tutorial](#)

Quality: 10,251 global accepts · Rating: 1700 · first AC: 2019-11-16 · GNU C++11 (first AC) · Tags: constructive algorithms, dfs and similar, dsu, graphs, greedy, sortings

[ExRoc's solution](#)

454.

1257D

[Yet Another Monster Killing Problem](#) · [Tutorial](#)

Quality: 8,172 global accepts · Rating: 1700 · first AC: 2019-11-13 · GNU C++11 (first AC) · Tags: binary search, data structures, dp, greedy, sortings, two pointers

[ExRoc's solution](#)

455.

1256C

[Platforms Jumping](#) · [Tutorial](#)

Quality: 7,320 global accepts · Rating: 1700 · first AC: 2019-11-05 · GNU C++11 (first AC) · Tags: greedy

[ExRoc's solution](#)

456.

1182C

[Beautiful Lyrics](#) · [Tutorial](#)

Quality: 4,591 global accepts · Rating: 1700 · first AC: 2019-06-11 · GNU C++11 (first AC) · Tags: data structures, greedy, strings

[ExRoc's solution](#)

457.

1114C

[Trailing Loves \(or L'oeufs?\)](#) · [Tutorial](#)

Quality: 7,889 global accepts · Rating: 1700 · first AC: 2019-02-10 · last AC: 2019-02-11 · GNU C++11 (first AC) · Tags: brute force, implementation, math, number theory

[ExRoc's solution](#)

458.

1102E

[Monotonic Renumeration](#) · [Tutorial](#)

Quality: 6,922 global accepts · Rating: 1700 · first AC: 2019-01-09 · GNU C++11 (first AC) · Tags: combinatorics, sortings

[ExRoc's solution](#)

459.

1091D

[New Year and the Permutation Concatenation](#) · [Tutorial](#)

Quality: 7,477 global accepts · Rating: 1700 · first AC: 2018-12-30 · GNU C++11 (first AC) · Tags: combinatorics, dp, math

[ExRoc's solution](#)

460.

1086B

[Minimum Diameter Tree](#) · [Tutorial](#)

Rating: 1700 · first AC: 2018-12-23 · GNU C++11 (first AC) · Tags: greedy, implementation, trees

[ExRoc's solution](#)

461.

1093D

[Beautiful Graph](#) · [Tutorial](#)

Quality: 11,331 global accepts · Rating: 1700 · first AC: 2018-12-15 · GNU C++11 (first AC) · Tags: dfs and similar, graphs

[ExRoc's solution](#)

462.

1037D

[Valid BFS?](#) · [Tutorial](#)

Quality: 19,105 global accepts · Rating: 1700 · first AC: 2018-09-02 · GNU C++11 (first AC) · Tags: dfs and similar, graphs, shortest paths, trees

[ExRoc's solution](#)

463.

1023D

[Array Restoration](#) · [Tutorial](#)

Quality: 4,282 global accepts · Rating: 1700 · first AC: 2018-08-17 · GNU C++11 (first AC) · Tags: constructive algorithms, data structures

[ExRoc's solution](#)

464.

1019A

[Elections](#) · [Tutorial](#)

Quality: 4,857 global accepts · Rating: 1700 · first AC: 2018-08-11 · GNU C++11 (first AC) · Tags: brute force, greedy

[ExRoc's solution](#)

465.

956C

[Riverside Curio](#) · [Tutorial](#)

Rating: 1700 · first AC: 2018-03-24 · last AC: 2018-08-08 · GNU C++ (first AC) · Tags: data structures, dp, greedy, implementation

[ExRoc's solution](#)

466.

950D

[A Leapfrog in the Array](#) · [Tutorial](#)

Rating: 1700 · first AC: 2018-03-09 · last AC: 2018-08-03 · GNU C++ (first AC) · Tags: constructive algorithms, math

[ExRoc's solution](#)

467.

1015E1

[Stars Drawing \(Easy Edition\)](#) · [Tutorial](#)

Quality: 6,809 global accepts · Rating: 1700 · first AC: 2018-07-31 · GNU C++11 (first AC) · Tags: brute force, dp, greedy

[ExRoc's solution](#)

468.

938C

[Constructing Tests](#) · [Tutorial](#)

Quality: 3,471 global accepts · Rating: 1700 · first AC: 2018-02-18 · last AC: 2018-07-26 · GNU C++ (first AC) · Tags: binary search, brute force, constructive algorithms

[ExRoc's solution](#)

469.

919D

[Substring](#) · [Tutorial](#)

Quality: 12,252 global accepts · Rating: 1700 · first AC: 2018-02-01 · last AC: 2018-07-23 · GNU C++ (first AC) · Tags: dfs and similar, dp, graphs

[ExRoc's solution](#)

470.

918D

[MADMAX](#) · [Tutorial](#)

Rating: 1700 · first AC: 2018-01-29 · last AC: 2018-07-22 · GNU C++ (first AC) · Tags: dfs and similar, dp, games, graphs

[ExRoc's solution](#)

471.

895B

[XK Segments](#) · [Tutorial](#)

Quality: 3,822 global accepts · Rating: 1700 · first AC: 2017-12-04 · last AC: 2018-07-15 · GNU C++11 (first AC) · Tags: binary search, math, sortings, two pointers

[ExRoc's solution](#)

472.

828C

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

Rating: 1700 · first AC: 2018-06-26 · GNU C++11 (first AC) · Tags: data structures, sortings, strings

[ExRoc's solution](#)

473.

818D

[Multicolored Cars](#) · [Tutorial](#)

Quality: 3,785 global accepts · Rating: 1700 · first AC: 2017-06-29 · last AC: 2018-06-25 · GNU C++ (first AC) · Tags: data structures, implementation

[ExRoc's solution](#)

474.

699D

[Fix a Tree](#) · [Tutorial](#)

Rating: 1700 · first AC: 2018-01-27 · last AC: 2018-06-15 · GNU C++ (first AC) · Tags: constructive algorithms, dfs and similar, dsu, graphs, trees

[ExRoc's solution](#)

475.

990D

[Graph And Its Complement](#) · [Tutorial](#)

Quality: 4,115 global accepts · Rating: 1700 · first AC: 2018-06-10 · GNU C++11 (first AC) · Tags: constructive algorithms, graphs, implementation

[ExRoc's solution](#)

476.

977F

[Consecutive Subsequence](#) · [Tutorial](#)

Quality: 25,138 global accepts · Rating: 1700 · first AC: 2018-05-25 · last AC: 2018-05-25 · GNU C++11 (first AC) · Tags: dp

[ExRoc's solution](#)

477.

978G

[Petya's Exams](#) · [Tutorial](#)

Quality: 4,881 global accepts · Rating: 1700 · first AC: 2018-05-21 · GNU C++11 (first AC) · Tags: greedy, implementation, sortings

[ExRoc's solution](#)

478.

980C

[Posterized](#) · [Tutorial](#)

Quality: 3,944 global accepts · Rating: 1700 · first AC: 2018-05-08 · C++17 (GCC 7-32) (first AC) · Tags: games, greedy

[ExRoc's solution](#)

479.

960C

[Subsequence Counting](#) · [Tutorial](#)

Quality: 4,108 global accepts · Rating: 1700 · first AC: 2018-04-07 · GNU C++ (first AC) · Tags: bitmasks, constructive algorithms, greedy, implementation

[ExRoc's solution](#)

480.

760C

[Pavel and barbecue](#) · [Tutorial](#)

Rating: 1700 · first AC: 2018-03-29 · GNU C++ (first AC) · Tags: constructive algorithms, dfs and similar, graphs

[ExRoc's solution](#)

481.

953I

[A Vital Problem](#) · [Tutorial](#)

Rating: 1700 · first AC: 2018-03-17 · Java 8 (first AC) · Tags: —

[ExRoc's solution](#)

482.

947A

[Primal Sport](#) · [Tutorial](#)

Rating: 1700 · first AC: 2018-03-10 · GNU C++ (first AC) · Tags: brute force, math, number theory

[ExRoc's solution](#)

483.

931C

[Laboratory Work](#) · [Tutorial](#)

Quality: 3,488 global accepts · Rating: 1700 · first AC: 2018-03-04 · GNU C++ (first AC) · Tags: implementation, math

[ExRoc's solution](#)

484.

157C

[Message](#) · [Tutorial](#)

Rating: 1700 · first AC: 2018-02-06 · GNU C++ (first AC) · Tags: brute force, dp, strings

[ExRoc's solution](#)

485.

779D

[String Game](#) · [Tutorial](#)

Rating: 1700 · first AC: 2018-01-29 · GNU C++ (first AC) · Tags: binary search, strings

[ExRoc's solution](#)

486.

915C

[Permute Digits](#) · [Tutorial](#)

Quality: 7,554 global accepts · Rating: 1700 · first AC: 2018-01-13 · GNU C++ (first AC) · Tags: dp, greedy

[ExRoc's solution](#)

487.

900C

[Remove Extra One](#) · [Tutorial](#)

Quality: 5,007 global accepts · Rating: 1700 · first AC: 2017-12-18 · GNU C++11 (first AC) · Tags: brute force, data structures, math

[ExRoc's solution](#)

488.

897C

[Nephren gives a riddle](#) · [Tutorial](#)

Rating: 1700 · first AC: 2017-12-09 · last AC: 2017-12-10 · GNU C++11 (first AC) · Tags: binary search, combinatorics, math

[ExRoc's solution](#)

489.

4D

[Mysterious Present](#) · [Tutorial](#)

Quality: 12,115 global accepts · Rating: 1700 · first AC: 2017-06-22 · last AC: 2017-06-23 · GNU C++ (first AC) · Tags: dp, sortings

[ExRoc's solution](#)

490.

797C

[Minimal string](#) · [Tutorial](#)

Quality: 9,843 global accepts · Rating: 1700 · first AC: 2017-06-20 · GNU C++ (first AC) · Tags: data structures, greedy, strings

[ExRoc's solution](#)

491.

789B

[Masha and geometric depression](#) · [Tutorial](#)

Quality: 4,927 global accepts · Rating: 1700 · first AC: 2017-05-18 · GNU C++ (first AC) · Tags: brute force, implementation, math

[ExRoc's solution](#)

492.

690B1

[Recover Polygon \(easy\)](#) · [Tutorial](#)

Quality: 1,010 global accepts · Rating: 1700 · first AC: 2017-04-28 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

493.

2176D

[Fibonacci Paths](#) · [Tutorial](#)

Quality: 5,766 global accepts · Rating: 1800 · first AC: 2025-12-30 · C++17 (GCC 7-32) (first AC) · Tags: data structures, dp, graphs, sortings

[ExRoc's solution](#)

494.

2143D1

[Inversion Graph Coloring \(Easy Version\)](#) · [Tutorial](#)

Quality: 6,397 global accepts · Rating: 1800 · first AC: 2025-09-20 · last AC: 2025-09-20 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, data structures, dp, greedy, two pointers

[ExRoc's solution](#)

495.

1335E2

[Three Blocks Palindrome \(hard version\)](#) · [Tutorial](#)

Quality: 9,375 global accepts · Rating: 1800 · first AC: 2020-04-13 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, dp, two pointers

[ExRoc's solution](#)

496.

1327E

[Count The Blocks](#) · [Tutorial](#)

Quality: 9,599 global accepts · Rating: 1800 · first AC: 2020-03-29 · GNU C++11 (first AC) · Tags: combinatorics, dp, math

[ExRoc's solution](#)

497.

1326D2

[Prefix-Suffix Palindrome \(Hard version\)](#) · [Tutorial](#)

Quality: 11,759 global accepts · Rating: 1800 · first AC: 2020-03-28 · GNU C++11 (first AC) · Tags: binary search, greedy, hashing, string suffix structures, strings

[ExRoc's solution](#)

498.

1324F

[Maximum White Subtree](#) · [Tutorial](#)

Quality: 13,072 global accepts · Rating: 1800 · first AC: 2020-03-15 · GNU C++11 (first AC) · Tags: dfs and similar, dp, graphs, trees

[ExRoc's solution](#)

499.

1191D

[Tokitsukaze, CSL and Stone Game](#) · [Tutorial](#)

Rating: 1800 · first AC: 2019-07-13 · GNU C++11 (first AC) · Tags: games, greedy

[ExRoc's solution](#)

500.

794C

[Naming Company](#) · [Tutorial](#)

Quality: 3,327 global accepts · Rating: 1800 · first AC: 2018-01-29 · last AC: 2019-04-10 · GNU C++ (first AC) · Tags: games, greedy, sortings

[ExRoc's solution](#)

501.

1119D

[Frets On Fire](#) · [Tutorial](#)

Quality: 5,169 global accepts · Rating: 1800 · first AC: 2019-04-06 · GNU C++11 (first AC) · Tags: binary search, sortings

[ExRoc's solution](#)

502.

988D

[Points and Powers of Two](#) · [Tutorial](#)

Quality: 8,042 global accepts · Rating: 1800 · first AC: 2018-06-01 · last AC: 2019-02-12 · GNU C++11 (first AC) · Tags: brute force, math
[ExRoc's solution](#)

503.

1096D

[Easy Problem](#) · [Tutorial](#)

Quality: 9,400 global accepts · Rating: 1800 · first AC: 2018-12-29 · GNU C++11 (first AC) · Tags: dp

[ExRoc's solution](#)

504.

1081D

[Maximum Distance](#) · [Tutorial](#)

Quality: 4,649 global accepts · Rating: 1800 · first AC: 2018-12-17 · GNU C++11 (first AC) · Tags: dsu, graphs, shortest paths, sortings

[ExRoc's solution](#)

505.

1038D

[Slime](#) · [Tutorial](#)

Quality: 8,862 global accepts · Rating: 1800 · first AC: 2018-09-06 · GNU C++11 (first AC) · Tags: dp, greedy, implementation

[ExRoc's solution](#)

506.

963A

[Alternating Sum](#) · [Tutorial](#)

Quality: 3,640 global accepts · Rating: 1800 · first AC: 2018-04-17 · last AC: 2018-08-15 · GNU C++ (first AC) · Tags: math, number theory

[ExRoc's solution](#)

507.

1016C

[Vasya And The Mushrooms](#) · [Tutorial](#)

Quality: 3,991 global accepts · Rating: 1800 · first AC: 2018-08-03 · last AC: 2018-08-04 · GNU C++11 (first AC) · Tags: dp, implementation

[ExRoc's solution](#)

508.

220B

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

Quality: 12,891 global accepts · Rating: 1800 · first AC: 2018-08-03 · GNU C++11 (first AC) · Tags: constructive algorithms, data structures

[ExRoc's solution](#)

509.

1016D

[Vasya And The Matrix](#) · [Tutorial](#)

Quality: 4,985 global accepts · Rating: 1800 · first AC: 2018-08-03 · GNU C++11 (first AC) · Tags: constructive algorithms, flows, math

[ExRoc's solution](#)

510.

1011D

[Rocket](#) · [Tutorial](#)

Rating: 1800 · first AC: 2018-07-26 · last AC: 2018-07-28 · GNU C++11 (first AC) · Tags: binary search, interactive

[ExRoc's solution](#)

511.

1011E

[Border](#) · [Tutorial](#)

Rating: 1800 · first AC: 2018-07-26 · GNU C++11 (first AC) · Tags: number theory

[ExRoc's solution](#)

512.

939E

[Maximize!](#) · [Tutorial](#)

Quality: 3,538 global accepts · Rating: 1800 · first AC: 2018-02-17 · last AC: 2018-07-26 · GNU C++ (first AC) · Tags: binary search, greedy, ternary search, two pointers

[ExRoc's solution](#)

513.

363D

[Renting Bikes](#) · [Tutorial](#)

Quality: 4,331 global accepts · Rating: 1800 · first AC: 2018-07-25 · GNU C++11 (first AC) · Tags: binary search, greedy

[ExRoc's solution](#)

514.

934C

[A Twisty Movement](#) · [Tutorial](#)

Rating: 1800 · first AC: 2018-02-14 · last AC: 2018-07-24 · GNU C++ (first AC) · Tags: brute force, dp, implementation

[ExRoc's solution](#)

515.

922D

[Robot Vacuum Cleaner](#) · [Tutorial](#)

Quality: 4,812 global accepts · Rating: 1800 · first AC: 2018-02-07 · last AC: 2018-07-24 · GNU C++11 (first AC) · Tags: greedy, sortings

[ExRoc's solution](#)

516.

918C

[The Monster](#) · [Tutorial](#)

Rating: 1800 · first AC: 2018-01-29 · last AC: 2018-07-22 · GNU C++ (first AC) · Tags: data structures, dp, greedy, implementation, math

[ExRoc's solution](#)

517.

894B

[Ralph And His Magic Field](#) · [Tutorial](#)

Quality: 4,700 global accepts · Rating: 1800 · first AC: 2017-11-21 · last AC: 2018-07-14 · GNU C++ (first AC) · Tags: combinatorics, constructive algorithms, math, number theory

[ExRoc's solution](#)

518.

1005E1

[Median on Segments \(Permutations Edition\)](#) · [Tutorial](#)

Quality: 4,343 global accepts · Rating: 1800 · first AC: 2018-07-09 · GNU C++11 (first AC) · Tags: sortings

[ExRoc's solution](#)

519.

888E

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

Quality: 9,202 global accepts · Rating: 1800 · first AC: 2017-11-16 · last AC: 2018-07-09 · GNU C++11 (first AC) · Tags: bitmasks, divide and conquer, meet-in-the-middle

[ExRoc's solution](#)

520.

828D

[High Load](#) · [Tutorial](#)

Rating: 1800 · first AC: 2018-06-26 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, implementation, trees

[ExRoc's solution](#)

521.

822D

[My pretty girl Noora](#) · [Tutorial](#)

Quality: 3,283 global accepts · Rating: 1800 · first AC: 2018-06-25 · GNU C++11 (first AC) · Tags: brute force, dp, greedy, math, number theory

[ExRoc's solution](#)

522.

991E

[Bus Number](#) · [Tutorial](#)

Quality: 3,728 global accepts · Rating: 1800 · first AC: 2018-06-23 · GNU C++11 (first AC) · Tags: brute force, combinatorics, math

[ExRoc's solution](#)

523.

989C

[A Mist of Florescence](#) · [Tutorial](#)

Quality: 4,034 global accepts · Rating: 1800 · first AC: 2018-06-11 · GNU C++11 (first AC) · Tags: constructive algorithms, graphs

[ExRoc's solution](#)

524.

987E

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

Rating: 1800 · first AC: 2018-05-30 · GNU C++11 (first AC) · Tags: math

[ExRoc's solution](#)

525.

979B

[Treasure Hunt](#) · [Tutorial](#)

Quality: 4,779 global accepts · Rating: 1800 · first AC: 2018-05-15 · GNU C++11 (first AC) · Tags: greedy

[ExRoc's solution](#)

526.

947C

[Perfect Security](#) · [Tutorial](#)

Rating: 1800 · first AC: 2018-03-10 · GNU C++ (first AC) · Tags: data structures, greedy, strings, trees

[ExRoc's solution](#)

527.

946D

[Timetable](#) · [Tutorial](#)

Quality: 4,881 global accepts · Rating: 1800 · first AC: 2018-03-06 · GNU C++ (first AC) · Tags: dp

[ExRoc's solution](#)

528.

846C

[Four Segments](#) · [Tutorial](#)

Quality: 2,968 global accepts · Rating: 1800 · first AC: 2018-03-05 · GNU C++ (first AC) · Tags: brute force, data structures, dp

[ExRoc's solution](#)

529.

899D

[Shovel Sale](#) · [Tutorial](#)

Quality: 3,262 global accepts · Rating: 1800 · first AC: 2018-02-04 · GNU C++ (first AC) · Tags: constructive algorithms, math

[ExRoc's solution](#)

530.

909C

[Python Indentation](#) · [Tutorial](#)

Quality: 5,486 global accepts · Rating: 1800 · first AC: 2018-01-24 · last AC: 2018-01-25 · GNU C++ (first AC) · Tags: dp

[ExRoc's solution](#)

531.

914C

[Travelling Salesman and Special Numbers](#) · [Tutorial](#)

Quality: 4,210 global accepts · Rating: 1800 · first AC: 2018-01-23 · last AC: 2018-01-23 · GNU C++ (first AC) · Tags: brute force, combinatorics, dp

[ExRoc's solution](#)

532.

911D

[Inversion Counting](#) · [Tutorial](#)

Quality: 5,109 global accepts · Rating: 1800 · first AC: 2018-01-16 · GNU C++ (first AC) · Tags: brute force, math

[ExRoc's solution](#)

533.

869C

[The Intriguing Obsession](#) · [Tutorial](#)

Quality: 5,204 global accepts · Rating: 1800 · first AC: 2017-11-13 · GNU C++ (first AC) · Tags: combinatorics, dp, math

[ExRoc's solution](#)

534.

3C

[Tic-tac-toe](#) · [Tutorial](#)

Quality: 8,281 global accepts · Rating: 1800 · first AC: 2017-06-21 · GNU C++ (first AC) · Tags: brute force, games, implementation

[ExRoc's solution](#)

535.

690E1

[Photographs \(I\)](#) · [Tutorial](#)

Quality: 735 global accepts · Rating: 1800 · first AC: 2017-04-28 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

536.

690D2

[The Wall \(medium\)](#) · [Tutorial](#)

Quality: 1,461 global accepts · Rating: 1800 · first AC: 2017-04-28 · GNU C++ (first AC) · Tags: combinatorics

[ExRoc's solution](#)

537.

1375D

[Replace by MEX](#) · [Tutorial](#)

Quality: 10,143 global accepts · Rating: 1900 · first AC: 2020-07-04 · GNU C++11 (first AC) · Tags: brute force, constructive algorithms, sortings

[ExRoc's solution](#)

538.

1348D

[Phoenix and Science](#) · [Tutorial](#)

Quality: 9,342 global accepts · Rating: 1900 · first AC: 2020-05-01 · C++17 (GCC 7-32) (first AC) · Tags: binary search, constructive algorithms, greedy, implementation, math

[ExRoc's solution](#)

539.

1243D

[0-1 MST](#) · [Tutorial](#)

Rating: 1900 · first AC: 2019-11-11 · GNU C++11 (first AC) · Tags: dfs and similar, dsu, graphs, two pointers

[ExRoc's solution](#)

540.

1245D

[Shichikuji and Power Grid](#) · [Tutorial](#)

Quality: 9,605 global accepts · Rating: 1900 · first AC: 2019-11-04 · GNU C++11 (first AC) · Tags: dsu, graphs, greedy, shortest paths, trees

[ExRoc's solution](#)

541.

1200D

[White Lines](#) · [Tutorial](#)

Quality: 4,402 global accepts · Rating: 1900 · first AC: 2019-08-11 · GNU C++11 (first AC) · Tags: brute force, data structures, dp, implementation, two pointers

[ExRoc's solution](#)

542.

1119E

[Pavel and Triangles](#) · [Tutorial](#)

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543.

1114D

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Quality: 7,979 global accepts · Rating: 1900 · first AC: 2019-02-10 · GNU C++11 (first AC) · Tags: dp

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544.

1105D

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Quality: 4,423 global accepts · Rating: 1900 · first AC: 2019-01-20 · GNU C++11 (first AC) · Tags: dfs and similar, graphs, implementation, shortest paths

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545.

1095E

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546.

1095F

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547.

1081E

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548.

1017D

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Quality: 3,953 global accepts · Rating: 1900 · first AC: 2018-08-08 · GNU C++11 (first AC) · Tags: bitmasks, brute force, data structures

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549.

1015E2

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550.

894C

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Quality: 4,628 global accepts · Rating: 1900 · first AC: 2018-07-14 · GNU C++11 (first AC) · Tags: constructive algorithms, math

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551.

999D

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552.

811C

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Quality: 3,495 global accepts · Rating: 1900 · first AC: 2018-06-21 · last AC: 2018-06-21 · GNU C++11 (first AC) · Tags: dp, implementation

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553.

993B

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Quality: 2,052 global accepts · Rating: 1900 · first AC: 2018-06-16 · GNU C++11 (first AC) · Tags: bitmasks, brute force

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554.

554D

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Rating: 1900 · first AC: 2018-03-21 · last AC: 2018-06-06 · GNU C++ (first AC) · Tags: greedy, math

[ExRoc's solution](#)

555.

981D

[Bookshelves](#) · [Tutorial](#)

Quality: 3,549 global accepts · Rating: 1900 · first AC: 2018-05-28 · GNU C++11 (first AC) · Tags: bitmasks, dp, greedy

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556.

982D

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Quality: 2,518 global accepts · Rating: 1900 · first AC: 2018-05-18 · GNU C++11 (first AC) · Tags: brute force, data structures, dsu, trees

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557.

950E

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Rating: 1900 · first AC: 2018-03-09 · GNU C++ (first AC) · Tags: 2-sat, graphs

[ExRoc's solution](#)

558.

745D

[Hongcow's Game](#) · [Tutorial](#)

Rating: 1900 · first AC: 2018-03-04 · GNU C++ (first AC) · Tags: bitmasks, divide and conquer, interactive

[ExRoc's solution](#)

559.

914D

[Bash and a Tough Math Puzzle](#) · [Tutorial](#)

Quality: 6,385 global accepts · Rating: 1900 · first AC: 2018-01-23 · GNU C++ (first AC) · Tags: data structures, number theory

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560.

817D

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Quality: 6,290 global accepts · Rating: 1900 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: data structures, divide and conquer, dsu, sortings

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561.

69D

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Quality: 1,130 global accepts · Rating: 1900 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: dp, games

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562.

820D

[Mister B and PR Shifts](#) · [Tutorial](#)

Rating: 1900 · first AC: 2017-06-28 · GNU C++ (first AC) · Tags: implementation, math

[ExRoc's solution](#)

563.

3B

[Lorry](#) · [Tutorial](#)

Quality: 5,235 global accepts · Rating: 1900 · first AC: 2017-06-21 · GNU C++ (first AC) · Tags: greedy, sortings

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564.

1589D

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Rating: 2000 · first AC: 2021-11-21 · C++17 (GCC 7-32) (first AC) · Tags: binary search, combinatorics, interactive, math

[ExRoc's solution](#)

565.

1574D

[The Strongest Build](#) · [Tutorial](#)

Quality: 4,851 global accepts · Rating: 2000 · first AC: 2021-10-03 · C++17 (GCC 7-32) (first AC) · Tags: binary search, brute force, data structures, dfs and similar, graphs, greedy, hashing, implementation

[ExRoc's solution](#)

566.

1257E

[The Contest](#) · [Tutorial](#)

Quality: 4,538 global accepts · Rating: 2000 · first AC: 2019-11-16 · GNU C++11 (first AC) · Tags: data structures, dp, greedy

[ExRoc's solution](#)

567.

1256F

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Quality: 3,622 global accepts · Rating: 2000 · first AC: 2019-11-13 · GNU C++11 (first AC) · Tags: constructive algorithms, sortings, strings

[ExRoc's solution](#)

568.

1256E

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Quality: 4,599 global accepts · Rating: 2000 · first AC: 2019-11-13 · GNU C++11 (first AC) · Tags: dp, greedy, sortings

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569.

1200E

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Quality: 9,366 global accepts · Rating: 2000 · first AC: 2019-08-17 · GNU C++11 (first AC) · Tags: brute force, hashing, implementation, string suffix structures, strings

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570.

1183E

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Quality: 5,422 global accepts · Rating: 2000 · first AC: 2019-07-06 · GNU C++11 (first AC) · Tags: dp, graphs, implementation, shortest paths

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571.

1101D

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Quality: 5,425 global accepts · Rating: 2000 · first AC: 2019-01-11 · last AC: 2019-01-13 · GNU C++11 (first AC) · Tags: data structures, dfs and similar, dp, number theory, trees

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572.

1102F

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Quality: 2,355 global accepts · Rating: 2000 · first AC: 2019-01-10 · GNU C++11 (first AC) · Tags: binary search, bitmasks, brute force, dp, graphs

[ExRoc's solution](#)

573.

1011F

[Mars rover](#) · [Tutorial](#)

Rating: 2000 · first AC: 2018-07-28 · GNU C++11 (first AC) · Tags: dfs and similar, graphs, trees

[ExRoc's solution](#)

574.

892D

[Gluttony](#) · [Tutorial](#)

Rating: 2000 · first AC: 2017-11-18 · last AC: 2018-07-12 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy

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575.

890D

[Restoration of string](#) · [Tutorial](#)

Rating: 2000 · first AC: 2017-11-14 · last AC: 2018-07-11 · GNU C++ (first AC) · Tags: graphs, greedy, strings

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576.

998D

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Rating: 2000 · first AC: 2018-07-01 · GNU C++11 (first AC) · Tags: brute force, combinatorics, greedy

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577.

818C

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578.

999E

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579.

963B

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Quality: 3,000 global accepts · Rating: 2000 · first AC: 2018-04-17 · GNU C++ (first AC) · Tags: constructive algorithms, dfs and similar, dp, greedy, trees

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580.

659F

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Quality: 1,954 global accepts · Rating: 2000 · first AC: 2018-03-20 · GNU C++ (first AC) · Tags: dfs and similar, dsu, graphs, greedy, sortings

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581.

862D

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Quality: 2,044 global accepts · Rating: 2000 · first AC: 2018-03-06 · GNU C++ (first AC) · Tags: binary search, divide and conquer, interactive

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582.

767C

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Quality: 4,636 global accepts · Rating: 2000 · first AC: 2018-01-30 · GNU C++ (first AC) · Tags: dfs and similar, graphs, greedy, trees

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583.

545E

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Quality: 5,555 global accepts · Rating: 2000 · first AC: 2018-01-29 · GNU C++ (first AC) · Tags: graphs, greedy, shortest paths

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584.

916B

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585.

911E

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586.

758D

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Quality: 2,935 global accepts · Rating: 2000 · first AC: 2017-11-24 · last AC: 2017-11-24 · GNU C++11 (first AC) · Tags: constructive algorithms, dp, greedy, math, strings

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587.

2B

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1364D

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1312E

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590.

1183F

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591.

1166E

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1167E

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1106E

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1028D

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1023E

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596.

920E

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597.

1005F

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598.

1003E

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877D

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Quality: 6,512 global accepts · Rating: 2100 · first AC: 2018-06-27 · GNU C++11 (first AC) · Tags: dfs and similar, graphs, trees

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995A

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821E

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603.

811D

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Quality: 1,902 global accepts · Rating: 2100 · first AC: 2018-06-21 · GNU C++11 (first AC) · Tags: constructive algorithms, dfs and similar, graphs, interactive

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992D

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993C

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985E

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611.

912D

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612.

748E

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754D

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Quality: 2,694 global accepts · Rating: 2100 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: binary search, data structures, greedy, sortings

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859E

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1C

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617.

788B

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796D

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619.

2170D

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620.

2143D2

[Inversion Graph Coloring \(Hard Version\)](#) · [Tutorial](#)

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621.

1335F

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622.

1327D

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1114E

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624.

1100E

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979D

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821D

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shortest paths

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627.

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628.

915D

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Quality: 4,056 global accepts · Rating: 2200 · first AC: 2018-01-14 · last AC: 2018-01-14 · GNU C++ (first AC) · Tags: dfs and similar, graphs

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629.

690C3

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630.

1245F

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Quality: 2,264 global accepts · Rating: 2300 · first AC: 2019-11-04 · GNU C++11 (first AC) · Tags: bitmasks, brute force, combinatorics, dp

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631.

1245E

[Hyakugoku and Ladders](#) · [Tutorial](#)

Quality: 1,364 global accepts · Rating: 2300 · first AC: 2019-11-04 · GNU C++11 (first AC) · Tags: dp, probabilities, shortest paths

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632.

1182E

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633.

1086C

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634.

1093G

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635.

888G

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636.

1004D

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637.

995C

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638.

101647B

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639.

884D

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640.

1326E

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641.

1114F

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Quality: 2,438 global accepts · Rating: 2400 · first AC: 2019-02-11 · last AC: 2019-02-12 · GNU C++11 (first AC) · Tags: bitmasks, data structures, divide and conquer, math, number theory

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642.

1028E

[Restore Array](#) · [Tutorial](#)

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643.

1017E

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[ExRoc's solution](#)

644.

1005E2

[Median on Segments \(General Case Edition\)](#) · [Tutorial](#)

Quality: 1,533 global accepts · Rating: 2400 · first AC: 2018-07-11 · GNU C++11 (first AC) · Tags: sortings

[ExRoc's solution](#)

645.

869E

[The Untended Antiquity](#) · [Tutorial](#)

Quality: 2,062 global accepts · Rating: 2400 · first AC: 2017-11-15 · last AC: 2018-06-30 · GNU C++ (first AC) · Tags: data structures, hashing

[ExRoc's solution](#)

646.

916E

[Jamie and Tree](#) · [Tutorial](#)

Quality: 2,106 global accepts · Rating: 2400 · first AC: 2018-01-24 · last AC: 2018-01-24 · GNU C++ (first AC) · Tags: data structures, trees

[ExRoc's solution](#)

647.

835E

[The penguin's game](#) · [Tutorial](#)

Quality: 1,349 global accepts · Rating: 2400 · first AC: 2017-11-22 · GNU C++11 (first AC) · Tags: binary search, constructive algorithms, interactive

[ExRoc's solution](#)

648.

1100D

[Dasha and Chess](#) · [Tutorial](#)

Quality: 916 global accepts · Rating: 2500 · first AC: 2019-01-15 · GNU C++11 (first AC) · Tags: constructive algorithms, games, interactive

[ExRoc's solution](#)

649.

1017F

[The Neutral Zone](#) · [Tutorial](#)

Quality: 952 global accepts · Rating: 2500 · first AC: 2018-08-09 · GNU C++11 (first AC) · Tags: brute force, math

[ExRoc's solution](#)

650.

998E

[Sky Full of Stars](#) · [Tutorial](#)

Rating: 2500 · first AC: 2018-07-02 · last AC: 2018-07-03 · GNU C++11 (first AC) · Tags: combinatorics, math

[ExRoc's solution](#)

651.

992E

[Nastya and King-Shamans](#) · [Tutorial](#)

Quality: 1,677 global accepts · Rating: 2500 · first AC: 2018-06-20 · GNU C++11 (first AC) · Tags: binary search, data structures

[ExRoc's solution](#)

652.

742E

[Arpa's overnight party and Mehrdad's silent entering](#) · [Tutorial](#)

Rating: 2600 · first AC: 2018-02-02 · last AC: 2018-06-16 · GNU C++ (first AC) · Tags: graphs

[ExRoc's solution](#)

653.

3D

[Least Cost Bracket Sequence](#) · [Tutorial](#)

Quality: 3,949 global accepts · Rating: 2600 · first AC: 2017-06-22 · GNU C++ (first AC) · Tags: greedy

[ExRoc's solution](#)

654.

102460A

[Rush Hour Puzzle](#) · [Tutorial](#)

Rating: — · first AC: 2020-04-06 · C++17 (GCC 7-32) (first AC) · Tags: —

[ExRoc's solution](#)

655.

102460H

[Mining a](#) · [Tutorial](#)

Rating: — · first AC: 2020-04-06 · C++17 (GCC 7-32) (first AC) · Tags: —

[ExRoc's solution](#)

656.

102460K

[Length of Bundle Rope](#) · [Tutorial](#)

Rating: — · first AC: 2020-04-06 · C++17 (GCC 7-32) (first AC) · Tags: —

[ExRoc's solution](#)

657.

102460J

[Automatic Control Machine](#) · [Tutorial](#)

Rating: — · first AC: 2020-04-06 · C++17 (GCC 7-32) (first AC) · Tags: —

[ExRoc's solution](#)

658.

102460D

[Tapioka](#) · [Tutorial](#)

Rating: — · first AC: 2020-04-06 · C++17 (GCC 7-32) (first AC) · Tags: —

[ExRoc's solution](#)

659.

102460C

[Are They All Integers?](#) · [Tutorial](#)

Rating: — · first AC: 2020-04-06 · C++17 (GCC 7-32) (first AC) · Tags: —

[ExRoc's solution](#)

660.

101510C

[Computer Science](#) · [Tutorial](#)

Rating: — · first AC: 2018-11-03 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

661.

101510B

[Biology](#) · [Tutorial](#)

Rating: — · first AC: 2018-11-03 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

662.

101510A

[Art](#) · [Tutorial](#)

Rating: — · first AC: 2018-11-03 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

663.

101807L

[Labyrinth](#) · [Tutorial](#)

Rating: — · first AC: 2018-07-08 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

664.

101807C

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

Rating: — · first AC: 2018-07-08 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

665.

101807D

[Differentiation](#) · [Tutorial](#)

Rating: — · first AC: 2018-07-08 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

666.

101807K

[Kids' Entertainment](#) · [Tutorial](#)

Rating: — · first AC: 2018-07-08 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

667.

101807E

[Error](#) · [Tutorial](#)

Rating: — · first AC: 2018-07-08 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

668.

101807A

[Ambidexterity](#) · [Tutorial](#)

Rating: — · first AC: 2018-07-08 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

669.

101635C

[Macarons](#) · [Tutorial](#)

Rating: — · first AC: 2018-06-04 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

670.

101635A

[Cakey McCakeFace](#) · [Tutorial](#)

Rating: — · first AC: 2018-06-04 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

671.

101635J

[Frosting on the Cake](#) · [Tutorial](#)

Rating: — · first AC: 2018-06-04 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

672.

101635F

[Shattered Cake](#) · [Tutorial](#)

Rating: — · first AC: 2018-06-04 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

673.

101657I

[The Status is Not Quo](#) · [Tutorial](#)

Rating: — · first AC: 2018-05-02 · C++17 (GCC 7-32) (first AC) · Tags: —

[ExRoc's solution](#)

674.

101657K

[Tree Count](#) · [Tutorial](#)

Rating: — · first AC: 2018-05-02 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

675.

101657F

[Lightning Lessons](#) · [Tutorial](#)

Rating: — · first AC: 2018-05-02 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

676.

101657H

[Speed Racer](#) · [Tutorial](#)

Rating: — · first AC: 2018-05-02 · C++14 (GCC 6-32) (first AC) · Tags: —

[ExRoc's solution](#)

677.

101657A

[Good or Bad?](#) · [Tutorial](#)

Rating: — · first AC: 2018-05-02 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

678.

100371D

[A fish lunch](#) · [Tutorial](#)

Rating: — · first AC: 2018-02-01 · Java 8 (first AC) · Tags: —

[ExRoc's solution](#)

679.

100371E

[The secret code](#) · [Tutorial](#)

Rating: — · first AC: 2018-02-01 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

680.

101652P

[Fear Factoring](#) · [Tutorial](#)

Rating: — · first AC: 2018-01-27 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

681.

101652U

[Unloaded Die](#) · [Tutorial](#)

Rating: — · first AC: 2018-01-27 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

682.

101652X

[Star Arrangements](#) · [Tutorial](#)

Rating: — · first AC: 2018-01-27 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

683.

101652Y

[Delayed Work](#) · [Tutorial](#)

Rating: — · first AC: 2018-01-27 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

684.

101652S

[Purple Rain](#) · [Tutorial](#)

Rating: — · first AC: 2018-01-27 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

685.

101652Z

[Forbidden Zero](#) · [Tutorial](#)

Rating: — · first AC: 2018-01-27 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

686.

101652Q

[Halfway](#) · [Tutorial](#)

Rating: — · first AC: 2018-01-27 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

687.

101652N

[Odd Palindrome](#) · [Tutorial](#)

Rating: — · first AC: 2018-01-27 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

688.

101124A

[The Baguette Master](#) · [Tutorial](#)

Rating: — · first AC: 2017-04-26 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

689.

101124M

[A multiplication game](#) · [Tutorial](#)

Rating: — · first AC: 2017-04-22 · last AC: 2017-04-26 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

690.

101124L

[Subway](#) · [Tutorial](#)

Rating: — · first AC: 2017-04-22 · last AC: 2017-04-26 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

691.

101124C

[Old Chess Sets](#) · [Tutorial](#)

Rating: — · first AC: 2017-04-22 · last AC: 2017-04-26 · C++14 (GCC 6-32) (first AC) · Tags: —

[ExRoc's solution](#)

692.

101124K

[Average Speed](#) · [Tutorial](#)

Rating: — · first AC: 2017-04-22 · last AC: 2017-04-26 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

693.

101124H

[Kids' Play](#) · [Tutorial](#)

Rating: — · first AC: 2017-04-25 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

694.

101147E

[Jumping](#) · [Tutorial](#)

Rating: — · first AC: 2017-03-11 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

695.

101147H

[Commandos](#) · [Tutorial](#)

Rating: — · first AC: 2017-03-11 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

696.

101147D

[Popcorn](#) · [Tutorial](#)

Rating: — · first AC: 2017-03-11 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

697.

101192G

[ReHanoi Towers](#) · [Tutorial](#)

Rating: — · first AC: 2017-03-04 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

698.

101192I

[Abacaba Ltd.](#) · [Tutorial](#)

Rating: — · first AC: 2017-03-04 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

699.

101192F

[Stone, grass and fire](#) · [Tutorial](#)

Rating: — · first AC: 2017-03-04 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

700.

101192E

[A+B](#) · [Tutorial](#)

Rating: — · first AC: 2017-03-04 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

701.

101170I

[Iron and Coal](#) · [Tutorial](#)

Rating: — · first AC: 2017-02-25 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

702.

101170F

[Free Weights](#) · [Tutorial](#)

Rating: — · first AC: 2017-02-25 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

703.

101170C

[Careful Ascent](#) · [Tutorial](#)

Rating: — · first AC: 2017-02-25 · GNU C++11 (first AC) · Tags: —

[ExRoc's solution](#)

704.

101170E

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

Rating: — · first AC: 2017-02-25 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)

705.

101170H

[Hamiltonian Hypercube](#) · [Tutorial](#)

Rating: — · first AC: 2017-02-25 · C++14 (GCC 6-32) (first AC) · Tags: —

[ExRoc's solution](#)

706.

101193H

[A+B](#) · [Tutorial](#)

Rating: — · first AC: 2016-12-19 · GNU C++ (first AC) · Tags: —

[ExRoc's solution](#)