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Unique solved — aropan

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- 1.**
1616A
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[aropan's solution](#)
- 2.**
1769A
[B47CmDò 4Cä@Cä3C](#)
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- 3.**
1637A
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Quality: 24,135 global accepts · Rating: 800 · first AC: 2022-02-12 · C++17 (GCC 7-32) (first AC) · Tags: brute force, sortings
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- 4.**
1586A
[Windblume Ode](#) · [Tutorial](#)
Rating: 800 · first AC: 2021-10-17 · C++17 (GCC 7-32) (first AC) · Tags: brute force, constructive algorithms, greedy, math, number theory
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- 5.**
1556A
[A Variety of Operations](#) · [Tutorial](#)
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- 6.**
1544B
[Putting Plates](#) · [Tutorial](#)
Rating: 800 · first AC: 2021-07-17 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms
[aropan's solution](#)
- 7.**
1544A
[Binary Decimal](#) · [Tutorial](#)
Rating: 800 · first AC: 2021-07-17 · C++17 (GCC 7-32) (first AC) · Tags: math
[aropan's solution](#)
- 8.**
1523A
[Game of Life](#) · [Tutorial](#)
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- 9.**
1515A
[Phoenix and Gold](#) · [Tutorial](#)
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- 10.**
1436A
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11.

1422A

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12.

1408A

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13.

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14.

1371A

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15.

1369A

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16.

1370A

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17.

1368A

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18.

1312A

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19.

1305A

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20.

1307A

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21.

1054A

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22.

1028A

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23.

932A

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24.

855A

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25.

859A

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26.

755A

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27.

618A

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28.

513A

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29.

386A

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30.

291A

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31.

200B

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32.

172A

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33.

158A

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34.

144A

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35.

141A

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36.

78A

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37.

71A

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38.

61A

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39.

49A

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40.

38A

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41.

34A

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42.

1609A

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43.

1610A

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44.

1427A

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45.

1326B

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46.

914A

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47.

611A

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48.

549A

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49.

387A

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50.

208A

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51.

194A

[Exams](#) · [Tutorial](#)

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52.

137A

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53.

130A

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54.

115A

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55.

63A

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56.

45A

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57.

44A

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58.

34B

[Sale](#) · [Tutorial](#)

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59.

26A

[Almost Prime](#) · [Tutorial](#)

Quality: 42,769 global accepts · Rating: 900 · first AC: 2010-08-18 · GNU C++ (first AC) · Tags: number theory
[aropan's solution](#)

60.

1769B1

[A = 1068D > C\\$0C08CR DC 9C'>C" •](#)

Quality: 1,602 global accepts · Rating: 1000 · first AC: 2022-12-17 · C++17 (GCC 7-32) (first AC) · Tags: *special, brute force, implementation, math
[aropan's solution](#)

61.

1515B

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[aropan's solution](#)

62.

1326A

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[aropan's solution](#)

63.

1312B

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64.

1054B

[Appending Mex](#) · [Tutorial](#)

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65.

859B

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66.

766B

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67.

766A

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68.

626A

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69.

452A

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70.

379A

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71.

237A

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72.

114A

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73.

195A

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74.

178A2

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75.

178A1

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76.

182B

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77.

137B

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78.

124A

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79.

120A

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80.

109A

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81.

106B

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82.

106A

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83.

74A

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84.

5A

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85.

3A

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86.

1637B

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87.

1616B

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88.

1609B

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89.

1610B

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90.

1523B

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91.

1375A

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Quality: 18,842 global accepts · Rating: 1100 · first AC: 2020-07-04 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, math

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92.

1370B

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93.

1366A

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[aropan's solution](#)

94.

755B

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95.

618B

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[aropan's solution](#)

96.

475A

[Bayan Bus](#) · [Tutorial](#)

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97.

292A

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[aropan's solution](#)

98.

196A

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99.

192B

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Quality: 6,799 global accepts · Rating: 1100 · first AC: 2012-06-03 · Python 2 (first AC) · Tags: brute force, implementation
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100.

178A3

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101.

158B

[Taxi](#) · [Tutorial](#)

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102.

121A

[Lucky Sum](#) · [Tutorial](#)

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103.

120C

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104.

120B

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105.

82A

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106.

68A

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107.

39D

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108.

25B

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Quality: 11,255 global accepts · Rating: 1100 · first AC: 2010-08-02 · GNU C++ (first AC) · Tags: implementation

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109.

1769C1

[A65001d CD\\$:C](#) •

Quality: 1,118 global accepts · Rating: 1200 · first AC: 2022-12-17 · C++17 (GCC 7-32) (first AC) · Tags: *special, brute force, dp, greedy

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110.

1637C

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111.

1586B

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[aropan's solution](#)

112.

1544C

[Pursuit](#) · [Tutorial](#)

Rating: 1200 · first AC: 2021-07-17 · C++17 (GCC 7-32) (first AC) · Tags: binary search, sortings

[aropan's solution](#)

113.

1375B

[Neighbor Grid](#) · [Tutorial](#)

Quality: 17,850 global accepts · Rating: 1200 · first AC: 2020-07-04 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy

[aropan's solution](#)

114.

1371B

[Magical Calendar](#) · [Tutorial](#)

Quality: 19,609 global accepts · Rating: 1200 · first AC: 2020-07-01 · C++17 (GCC 7-32) (first AC) · Tags: math

[aropan's solution](#)

115.

1369B

[AccurateLee](#) · [Tutorial](#)

Quality: 25,571 global accepts · Rating: 1200 · first AC: 2020-06-23 · C++17 (GCC 7-32) (first AC) · Tags: greedy, implementation, strings

[aropan's solution](#)

116.

1364A

[XXXXX](#) · [Tutorial](#)

Quality: 31,362 global accepts · Rating: 1200 · first AC: 2020-06-13 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, number theory, two pointers

[aropan's solution](#)

117.

1363A

[Odd Selection](#) · [Tutorial](#)

Quality: 40,395 global accepts · Rating: 1200 · first AC: 2020-05-31 · C++17 (GCC 7-32) (first AC) · Tags: brute force, implementation, math

[aropan's solution](#)

118.

1305B

[Kuroni and Simple Strings](#) · [Tutorial](#)

Quality: 12,442 global accepts · Rating: 1200 · first AC: 2020-03-03 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy, strings, two pointers

[aropan's solution](#)

119.

1028B

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

Quality: 10,242 global accepts · Rating: 1200 · first AC: 2018-08-27 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, math
[aropan's solution](#)

120.

914B

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

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

121.

655B

[Mischievous Mess Makers](#) · [Tutorial](#)

Rating: 1200 · first AC: 2016-03-18 · GNU C++11 (first AC) · Tags: greedy, math
[aropan's solution](#)

122.

655A

[Amity Assessment](#) · [Tutorial](#)

Rating: 1200 · first AC: 2016-03-18 · GNU C++11 (first AC) · Tags: brute force, implementation
[aropan's solution](#)

123.

482A

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

Quality: 10,258 global accepts · Rating: 1200 · first AC: 2014-10-24 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[aropan's solution](#)

124.

461A

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

Quality: 16,433 global accepts · Rating: 1200 · first AC: 2014-08-26 · GNU C++ (first AC) · Tags: greedy, sortings
[aropan's solution](#)

125.

387B

[George and Round](#) · [Tutorial](#)

Quality: 12,970 global accepts · Rating: 1200 · first AC: 2014-01-30 · Python 2 (first AC) · Tags: brute force, greedy, two pointers
[aropan's solution](#)

126.

379B

[New Year Present](#) · [Tutorial](#)

Quality: 7,613 global accepts · Rating: 1200 · first AC: 2014-01-01 · Python 2 (first AC) · Tags: constructive algorithms, implementation
[aropan's solution](#)

127.

292B

[Network Topology](#) · [Tutorial](#)

Quality: 10,513 global accepts · Rating: 1200 · first AC: 2013-04-15 · GNU C++ (first AC) · Tags: graphs, implementation
[aropan's solution](#)

128.

264A

[Escape from Stones](#) · [Tutorial](#)

Quality: 11,814 global accepts · Rating: 1200 · first AC: 2013-01-20 · GNU C++ (first AC) · Tags: constructive algorithms, data structures, implementation, two pointers
[aropan's solution](#)

129.

217A

[Ice Skating](#) · [Tutorial](#)

Quality: 24,342 global accepts · Rating: 1200 · first AC: 2012-08-18 · GNU C++ (first AC) · Tags: brute force, dfs and similar, dsu, graphs
[aropan's solution](#)

130.

208D

[Prizes, Prizes, more Prizes](#) · [Tutorial](#)

Quality: 8,049 global accepts · Rating: 1200 · first AC: 2012-07-23 · Python 2 (first AC) · Tags: implementation

[aropan's solution](#)

131.

203A

[Two Problems](#) · [Tutorial](#)

Quality: 4,424 global accepts · Rating: 1200 · first AC: 2012-07-03 · Python 2 (first AC) · Tags: brute force, implementation

[aropan's solution](#)

132.

194B

[Square](#) · [Tutorial](#)

Quality: 3,988 global accepts · Rating: 1200 · first AC: 2012-06-03 · Python 2 (first AC) · Tags: math

[aropan's solution](#)

133.

180F

[Mathematical Analysis Rocks!](#) · [Tutorial](#)

Quality: 2,840 global accepts · Rating: 1200 · first AC: 2012-04-22 · Python 2 (first AC) · Tags: constructive algorithms, implementation, math

[aropan's solution](#)

134.

176A

[Trading Business](#) · [Tutorial](#)

Quality: 1,806 global accepts · Rating: 1200 · first AC: 2012-04-20 · GNU C++ (first AC) · Tags: greedy, sortings

[aropan's solution](#)

135.

172B

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

Quality: 3,155 global accepts · Rating: 1200 · first AC: 2012-04-03 · GNU C++ (first AC) · Tags: *special, implementation, number theory

[aropan's solution](#)

136.

171A

[Mysterious numbers - 1](#) · [Tutorial](#)

Quality: 5,067 global accepts · Rating: 1200 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special, constructive algorithms

[aropan's solution](#)

137.

101A

[Homework](#) · [Tutorial](#)

Quality: 4,369 global accepts · Rating: 1200 · first AC: 2011-08-15 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

138.

79A

[Bus Game](#) · [Tutorial](#)

Quality: 4,556 global accepts · Rating: 1200 · first AC: 2011-04-30 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

139.

78B

[Easter Eggs](#) · [Tutorial](#)

Quality: 15,348 global accepts · Rating: 1200 · first AC: 2011-04-27 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[aropan's solution](#)

140.

38B

[Chess](#) · [Tutorial](#)

Quality: 4,032 global accepts · Rating: 1200 · first AC: 2010-10-30 · GNU C++ (first AC) · Tags: brute force, implementation, math

[aropan's solution](#)

141.

23A

[You're Given a String...](#) · [Tutorial](#)

Quality: 6,303 global accepts · Rating: 1200 · first AC: 2010-07-09 · GNU C++ (first AC) · Tags: brute force, greedy

[aropan's solution](#)

142.

8A

[Train and Peter](#) · [Tutorial](#)

Quality: 6,727 global accepts · Rating: 1200 · first AC: 2010-04-08 · GNU C++ (first AC) · Tags: strings

[aropan's solution](#)

143.

5B

[Center Alignment](#) · [Tutorial](#)

Quality: 6,763 global accepts · Rating: 1200 · first AC: 2010-03-20 · GNU C++ (first AC) · Tags: implementation, strings

[aropan's solution](#)

144.

1769C2

[A6>00:0 CD\\$:C ”•](#)

Quality: 1,077 global accepts · Rating: 1300 · first AC: 2022-12-17 · C++17 (GCC 7-32) (first AC) · Tags: *special, dp

[aropan's solution](#)

145.

1556B

[Take Your Places!](#) · [Tutorial](#)

Quality: 13,276 global accepts · Rating: 1300 · first AC: 2021-08-29 · C++17 (GCC 7-32) (first AC) · Tags: implementation

[aropan's solution](#)

146.

1558A

[Charmed by the Game](#) · [Tutorial](#)

Quality: 11,495 global accepts · Rating: 1300 · first AC: 2021-08-24 · C++17 (GCC 7-32) (first AC) · Tags: brute force, math

[aropan's solution](#)

147.

1470A

[Strange Birthday Party](#) · [Tutorial](#)

Quality: 29,389 global accepts · Rating: 1300 · first AC: 2021-01-05 · C++17 (GCC 7-32) (first AC) · Tags: binary search, dp, greedy, sortings, two pointers

[aropan's solution](#)

148.

1446A

[Knapsack](#) · [Tutorial](#)

Quality: 17,722 global accepts · Rating: 1300 · first AC: 2020-11-15 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy, sortings

[aropan's solution](#)

149.

1422B

[Nice Matrix](#) · [Tutorial](#)

Quality: 15,071 global accepts · Rating: 1300 · first AC: 2020-10-09 · C++17 (GCC 7-32) (first AC) · Tags: greedy, implementation, math

[aropan's solution](#)

150.

1381A1

[Prefix Flip \(Easy Version\)](#) · [Tutorial](#)

Quality: 21,723 global accepts · Rating: 1300 · first AC: 2020-07-21 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, data structures, strings

[aropan's solution](#)

151.

1371C

[A Cookie for You](#) · [Tutorial](#)

Quality: 21,370 global accepts · Rating: 1300 · first AC: 2020-07-01 · C++17 (GCC 7-32) (first AC) · Tags: greedy, implementation, math

[aropan's solution](#)

152.

1364B

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

Quality: 26,180 global accepts · Rating: 1300 · first AC: 2020-06-13 · C++17 (GCC 7-32) (first AC) · Tags: greedy, two pointers
[aropan's solution](#)

153.

1366B

[Shuffle](#) · [Tutorial](#)

Quality: 27,957 global accepts · Rating: 1300 · first AC: 2020-06-11 · C++17 (GCC 7-32) (first AC) · Tags: math, two pointers
[aropan's solution](#)

154.

1326C

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

Quality: 16,401 global accepts · Rating: 1300 · first AC: 2020-03-19 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, greedy, math
[aropan's solution](#)

155.

1307B

[Cow and Friend](#) · [Tutorial](#)

Quality: 13,856 global accepts · Rating: 1300 · first AC: 2020-02-17 · C++17 (GCC 7-32) (first AC) · Tags: geometry, greedy, math
[aropan's solution](#)

156.

1063A

[Oh Those Palindromes](#) · [Tutorial](#)

Quality: 11,056 global accepts · Rating: 1300 · first AC: 2018-10-14 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, strings
[aropan's solution](#)

157.

1037C

[Equalize](#) · [Tutorial](#)

Quality: 20,112 global accepts · Rating: 1300 · first AC: 2018-09-02 · C++17 (GCC 7-32) (first AC) · Tags: dp, greedy, strings
[aropan's solution](#)

158.

1037B

[Reach Median](#) · [Tutorial](#)

Quality: 10,878 global accepts · Rating: 1300 · first AC: 2018-09-02 · C++17 (GCC 7-32) (first AC) · Tags: greedy
[aropan's solution](#)

159.

1037A

[Packets](#) · [Tutorial](#)

Quality: 11,831 global accepts · Rating: 1300 · first AC: 2018-09-02 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy, math
[aropan's solution](#)

160.

932B

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

Quality: 9,261 global accepts · Rating: 1300 · first AC: 2018-02-15 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, dfs and similar
[aropan's solution](#)

161.

755C

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

Quality: 15,005 global accepts · Rating: 1300 · first AC: 2017-01-15 · GNU C++11 (first AC) · Tags: dfs and similar, dsu, graphs, interactive, trees
[aropan's solution](#)

162.

626B

[Cards](#) · [Tutorial](#)

Quality: 6,922 global accepts · Rating: 1300 · first AC: 2016-02-13 · GNU C++11 (first AC) · Tags: constructive algorithms, dp, math

[aropan's solution](#)

163.

611B

[New Year and Old Property](#) · [Tutorial](#)

Quality: 11,065 global accepts · Rating: 1300 · first AC: 2015-12-30 · GNU C++11 (first AC) · Tags: bitmasks, brute force, implementation

[aropan's solution](#)

164.

526A

[King of Thieves](#) · [Tutorial](#)

Quality: 5,008 global accepts · Rating: 1300 · first AC: 2015-04-04 · GNU C++11 (first AC) · Tags: brute force, implementation

[aropan's solution](#)

165.

429A

[Xor-tree](#) · [Tutorial](#)

Quality: 12,266 global accepts · Rating: 1300 · first AC: 2014-05-11 · GNU C++ (first AC) · Tags: dfs and similar, trees

[aropan's solution](#)

166.

332A

[Down the Hatch!](#) · [Tutorial](#)

Quality: 3,724 global accepts · Rating: 1300 · first AC: 2013-07-24 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

167.

311A

[The Closest Pair](#) · [Tutorial](#)

Quality: 4,225 global accepts · Rating: 1300 · first AC: 2013-05-26 · GNU C++ (first AC) · Tags: constructive algorithms, implementation

[aropan's solution](#)

168.

303A

[Lucky Permutation Triple](#) · [Tutorial](#)

Quality: 8,571 global accepts · Rating: 1300 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: constructive algorithms, implementation, math

[aropan's solution](#)

169.

291B

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

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

[aropan's solution](#)

170.

251A

[Points on Line](#) · [Tutorial](#)

Quality: 21,344 global accepts · Rating: 1300 · first AC: 2012-12-06 · GNU C++ (first AC) · Tags: binary search, combinatorics, two pointers

[aropan's solution](#)

171.

241A

[Old Peykan](#) · [Tutorial](#)

Quality: 2,410 global accepts · Rating: 1300 · first AC: 2012-11-01 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

172.

220A

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

Quality: 13,119 global accepts · Rating: 1300 · first AC: 2012-08-31 · GNU C++ (first AC) · Tags: implementation, sortings

[aropan's solution](#)

173.

203B

[Game on Paper](#) · [Tutorial](#)

Quality: 2,787 global accepts · Rating: 1300 · first AC: 2012-07-03 · last AC: 2012-07-03 · GNU C++ (first AC) · Tags: brute force, implementation

[aropan's solution](#)

174.

195B

[After Training](#) · [Tutorial](#)

Quality: 5,512 global accepts · Rating: 1300 · first AC: 2012-06-12 · Python 2 (first AC) · Tags: data structures, implementation, math

[aropan's solution](#)

175.

192A

[Funky Numbers](#) · [Tutorial](#)

Quality: 11,565 global accepts · Rating: 1300 · first AC: 2012-06-03 · Python 2 (first AC) · Tags: binary search, brute force, implementation

[aropan's solution](#)

176.

173A

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

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

[aropan's solution](#)

177.

171D

[Broken checker](#) · [Tutorial](#)

Quality: 2,815 global accepts · Rating: 1300 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special, brute force

[aropan's solution](#)

178.

171B

[Star](#) · [Tutorial](#)

Quality: 4,758 global accepts · Rating: 1300 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special, combinatorics

[aropan's solution](#)

179.

161A

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

Quality: 5,475 global accepts · Rating: 1300 · first AC: 2012-03-11 · GNU C++ (first AC) · Tags: binary search, brute force, greedy, two pointers

[aropan's solution](#)

180.

158D

[Ice Sculptures](#) · [Tutorial](#)

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

[aropan's solution](#)

181.

144B

[Meeting](#) · [Tutorial](#)

Quality: 5,685 global accepts · Rating: 1300 · first AC: 2012-01-18 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

182.

147A

[Punctuation](#) · [Tutorial](#)

Quality: 4,235 global accepts · Rating: 1300 · first AC: 2012-01-04 · GNU C++ (first AC) · Tags: implementation, strings

[aropan's solution](#)

183.

135A

[Replacement](#) · [Tutorial](#)

Quality: 8,257 global accepts · Rating: 1300 · first AC: 2011-12-14 · last AC: 2011-12-14 · GNU C++ (first AC) · Tags: greedy, implementation, sortings

[aropan's solution](#)

184.

123A

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

Quality: 3,988 global accepts · Rating: 1300 · first AC: 2011-11-05 · GNU C++ (first AC) · Tags: implementation, number theory, strings

[aropan's solution](#)

185.

117A

[Elevator](#) · [Tutorial](#)

Quality: 2,226 global accepts · Rating: 1300 · first AC: 2011-09-23 · GNU C++ (first AC) · Tags: implementation, math

[aropan's solution](#)

186.

85A

[Domino](#) · [Tutorial](#)

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

[aropan's solution](#)

187.

83A

[Magical Array](#) · [Tutorial](#)

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

[aropan's solution](#)

188.

71B

[Progress Bar](#) · [Tutorial](#)

Quality: 5,274 global accepts · Rating: 1300 · first AC: 2011-04-01 · GNU C++ (first AC) · Tags: implementation, math

[aropan's solution](#)

189.

70A

[Cookies](#) · [Tutorial](#)

Quality: 3,560 global accepts · Rating: 1300 · first AC: 2011-03-26 · GNU C++ (first AC) · Tags: math

[aropan's solution](#)

190.

61B

[Hard Work](#) · [Tutorial](#)

Quality: 4,243 global accepts · Rating: 1300 · first AC: 2011-02-22 · GNU C++ (first AC) · Tags: strings

[aropan's solution](#)

191.

64A

[Factorial](#) · [Tutorial](#)

Quality: 4,247 global accepts · Rating: 1300 · first AC: 2011-02-21 · Tcl (first AC) · Tags: *special, implementation

[aropan's solution](#)

192.

60A

[Where Are My Flakes?](#) · [Tutorial](#)

Quality: 4,283 global accepts · Rating: 1300 · first AC: 2011-02-19 · GNU C++ (first AC) · Tags: implementation, two pointers

[aropan's solution](#)

193.

44C

[Holidays](#) · [Tutorial](#)

Quality: 4,054 global accepts · Rating: 1300 · first AC: 2010-11-06 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

194.

40A

[Find Color](#) · [Tutorial](#)

Quality: 4,435 global accepts · Rating: 1300 · first AC: 2010-11-05 · GNU C++ (first AC) · Tags: constructive algorithms, geometry, implementation, math

[aropan's solution](#)

195.

39F

[Pacifist frogs](#) · [Tutorial](#)

Quality: 1,962 global accepts · Rating: 1300 · first AC: 2010-10-24 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

196.

39H

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

Quality: 3,126 global accepts · Rating: 1300 · first AC: 2010-10-24 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

197.

39B

[Company Income Growth](#) · [Tutorial](#)

Quality: 3,097 global accepts · Rating: 1300 · first AC: 2010-10-24 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

198.

34C

[Page Numbers](#) · [Tutorial](#)

Quality: 4,765 global accepts · Rating: 1300 · first AC: 2010-10-11 · GNU C++ (first AC) · Tags: expression parsing, implementation, sortings, strings

[aropan's solution](#)

199.

25A

[IQ test](#) · [Tutorial](#)

Quality: 103,877 global accepts · Rating: 1300 · first AC: 2010-08-02 · last AC: 2010-08-03 · GNU C++ (first AC) · Tags: brute force

[aropan's solution](#)

200.

1769B2

[Arithmetic](#) · [Tutorial](#)

Quality: 952 global accepts · Rating: 1400 · first AC: 2022-12-17 · C++17 (GCC 7-32) (first AC) · Tags: *special, binary search, brute force, math

[aropan's solution](#)

201.

1609C

[Complex Market Analysis](#) · [Tutorial](#)

Quality: 10,459 global accepts · Rating: 1400 · first AC: 2021-11-28 · C++17 (GCC 7-32) (first AC) · Tags: binary search, dp, implementation, number theory, schedules, two pointers

[aropan's solution](#)

202.

1515C

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

Quality: 18,751 global accepts · Rating: 1400 · first AC: 2021-05-02 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, data structures, greedy

[aropan's solution](#)

203.

1427B

[Chess Cheater](#) · [Tutorial](#)

Quality: 11,458 global accepts · Rating: 1400 · first AC: 2020-10-10 · C++17 (GCC 7-32) (first AC) · Tags: greedy, implementation, sortings

[aropan's solution](#)

204.

1375C

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

Quality: 22,950 global accepts · Rating: 1400 · first AC: 2020-07-04 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, data structures, greedy

[aropan's solution](#)

205.

1369C

[RationalLee](#) · [Tutorial](#)

Quality: 20,872 global accepts · Rating: 1400 · first AC: 2020-06-23 · C++17 (GCC 7-32) (first AC) · Tags: greedy, math, sortings, two pointers

[aropan's solution](#)

206.

1370C

[Number Game](#) · [Tutorial](#)

Quality: 27,142 global accepts · Rating: 1400 · first AC: 2020-06-20 · C++17 (GCC 7-32) (first AC) · Tags: games, math, number theory
[aropan's solution](#)

207.

1363B

[Subsequence Hate](#) · [Tutorial](#)

Quality: 26,125 global accepts · Rating: 1400 · first AC: 2020-05-31 · C++17 (GCC 7-32) (first AC) · Tags: implementation, strings
[aropan's solution](#)

208.

1103A

[Grid game](#) · [Tutorial](#)

Quality: 10,598 global accepts · Rating: 1400 · first AC: 2019-01-22 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation
[aropan's solution](#)

209.

866A

[Save the problem!](#) · [Tutorial](#)

Rating: 1400 · first AC: 2017-09-30 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, constructive algorithms, math
[aropan's solution](#)

210.

757B

[Bash's Big Day](#) · [Tutorial](#)

Quality: 11,426 global accepts · Rating: 1400 · first AC: 2017-01-12 · GNU C++11 (first AC) · Tags: greedy, math, number theory
[aropan's solution](#)

211.

538B

[Quasi Binary](#) · [Tutorial](#)

Quality: 19,334 global accepts · Rating: 1400 · first AC: 2015-04-26 · GNU C++ (first AC) · Tags: constructive algorithms, dp, greedy, implementation
[aropan's solution](#)

212.

538A

[Cutting Banner](#) · [Tutorial](#)

Quality: 7,381 global accepts · Rating: 1400 · first AC: 2015-04-26 · Python 2 (first AC) · Tags: brute force, implementation
[aropan's solution](#)

213.

526B

[Om Nom and Dark Park](#) · [Tutorial](#)

Quality: 4,712 global accepts · Rating: 1400 · first AC: 2015-04-04 · GNU C++11 (first AC) · Tags: dfs and similar, greedy, implementation
[aropan's solution](#)

214.

516A

[Drazil and Factorial](#) · [Tutorial](#)

Rating: 1400 · first AC: 2015-02-17 · GNU C++0x (first AC) · Tags: dp, greedy, implementation, math
[aropan's solution](#)

215.

513B1

[Permutations](#) · [Tutorial](#)

Quality: 3,833 global accepts · Rating: 1400 · first AC: 2015-02-07 · GNU C++ (first AC) · Tags: brute force
[aropan's solution](#)

216.

475B

[Strongly Connected City](#) · [Tutorial](#)

Quality: 9,248 global accepts · Rating: 1400 · first AC: 2014-10-05 · GNU C++ (first AC) · Tags: brute force, dfs and similar, graphs,

implementation

[aropan's solution](#)

217.

388A

[Fox and Box Accumulation](#) · [Tutorial](#)

Quality: 11,939 global accepts · Rating: 1400 · first AC: 2014-02-03 · GNU C++ (first AC) · Tags: greedy, sortings

[aropan's solution](#)

218.

379C

[New Year Ratings Change](#) · [Tutorial](#)

Quality: 7,047 global accepts · Rating: 1400 · first AC: 2014-01-01 · last AC: 2014-01-01 · Python 2 (first AC) · Tags: greedy, sortings

[aropan's solution](#)

219.

277A

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

Quality: 21,579 global accepts · Rating: 1400 · first AC: 2013-02-28 · GNU C++ (first AC) · Tags: dfs and similar, dsu

[aropan's solution](#)

220.

261A

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

Quality: 5,609 global accepts · Rating: 1400 · first AC: 2013-01-13 · GNU C++ (first AC) · Tags: greedy, sortings

[aropan's solution](#)

221.

226A

[Flying Saucer Segments](#) · [Tutorial](#)

Quality: 4,352 global accepts · Rating: 1400 · first AC: 2012-09-24 · GNU C++ (first AC) · Tags: math

[aropan's solution](#)

222.

203C

[Photographer](#) · [Tutorial](#)

Quality: 6,063 global accepts · Rating: 1400 · first AC: 2012-07-03 · Python 2 (first AC) · Tags: greedy, sortings

[aropan's solution](#)

223.

198B

[Jumping on Walls](#) · [Tutorial](#)

Quality: 5,172 global accepts · Rating: 1400 · first AC: 2012-06-22 · GNU C++ (first AC) · Tags: shortest paths

[aropan's solution](#)

224.

182D

[Common Divisors](#) · [Tutorial](#)

Quality: 9,243 global accepts · Rating: 1400 · first AC: 2012-04-24 · last AC: 2012-04-24 · Python 2 (first AC) · Tags: brute force, hashing, implementation, math, strings

[aropan's solution](#)

225.

180C

[Letter](#) · [Tutorial](#)

Quality: 8,561 global accepts · Rating: 1400 · first AC: 2012-04-22 · GNU C++ (first AC) · Tags: dp

[aropan's solution](#)

226.

158C

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

Quality: 10,392 global accepts · Rating: 1400 · first AC: 2012-03-03 · GNU C++ (first AC) · Tags: *special, data structures, implementation

[aropan's solution](#)

227.

141B

[Hopscotch](#) · [Tutorial](#)

Quality: 5,789 global accepts · Rating: 1400 · first AC: 2012-01-08 · GNU C++ (first AC) · Tags: geometry, math

[aropan's solution](#)

228.

130B

[Gnikool Ssalg](#) · [Tutorial](#)

Quality: 563 global accepts · Rating: 1400 · first AC: 2011-11-20 · Befunge (first AC) · Tags: *special, implementation, strings

[aropan's solution](#)

229.

124B

[Permutations](#) · [Tutorial](#)

Quality: 4,872 global accepts · Rating: 1400 · first AC: 2011-11-04 · last AC: 2011-11-05 · GNU C++ (first AC) · Tags: brute force, combinatorics, implementation

[aropan's solution](#)

230.

120F

[Spiders](#) · [Tutorial](#)

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

[aropan's solution](#)

231.

120E

[Put Knight!](#) · [Tutorial](#)

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

[aropan's solution](#)

232.

120D

[Three Sons](#) · [Tutorial](#)

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

[aropan's solution](#)

233.

111A

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

Quality: 5,171 global accepts · Rating: 1400 · first AC: 2011-09-03 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

234.

107A

[Dorm Water Supply](#) · [Tutorial](#)

Quality: 5,908 global accepts · Rating: 1400 · first AC: 2011-08-23 · GNU C++ (first AC) · Tags: dfs and similar, graphs

[aropan's solution](#)

235.

79B

[Colorful Field](#) · [Tutorial](#)

Quality: 7,991 global accepts · Rating: 1400 · first AC: 2011-04-30 · GNU C++ (first AC) · Tags: implementation, sortings

[aropan's solution](#)

236.

77A

[Heroes](#) · [Tutorial](#)

Quality: 1,953 global accepts · Rating: 1400 · first AC: 2011-04-19 · GNU C++ (first AC) · Tags: brute force, implementation

[aropan's solution](#)

237.

60B

[Serial Time!](#) · [Tutorial](#)

Quality: 5,312 global accepts · Rating: 1400 · first AC: 2011-02-19 · GNU C++ (first AC) · Tags: dfs and similar, dsu

[aropan's solution](#)

238.

45I

[TCMCF+++](#) · [Tutorial](#)

Quality: 2,803 global accepts · Rating: 1400 · first AC: 2010-11-13 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

239.

44E

[Anfisa the Monkey](#) · [Tutorial](#)

Quality: 6,117 global accepts · Rating: 1400 · first AC: 2010-11-06 · GNU C++ (first AC) · Tags: dp

[aropan's solution](#)

240.

38C

[Blinds](#) · [Tutorial](#)

Quality: 2,561 global accepts · Rating: 1400 · first AC: 2010-10-30 · GNU C++ (first AC) · Tags: brute force

[aropan's solution](#)

241.

30A

[Accounting](#) · [Tutorial](#)

Quality: 3,989 global accepts · Rating: 1400 · first AC: 2010-09-24 · GNU C++ (first AC) · Tags: brute force, math

[aropan's solution](#)

242.

26B

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

Quality: 25,855 global accepts · Rating: 1400 · first AC: 2010-08-18 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

243.

24A

[Ring road](#) · [Tutorial](#)

Quality: 6,866 global accepts · Rating: 1400 · first AC: 2010-07-26 · GNU C++ (first AC) · Tags: graphs

[aropan's solution](#)

244.

8B

[Obsession with Robots](#) · [Tutorial](#)

Quality: 4,965 global accepts · Rating: 1400 · first AC: 2010-04-08 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, implementation

[aropan's solution](#)

245.

1616C

[Representative Edges](#) · [Tutorial](#)

Quality: 13,203 global accepts · Rating: 1500 · first AC: 2021-12-29 · C++17 (GCC 7-32) (first AC) · Tags: brute force, geometry, implementation, math

[aropan's solution](#)

246.

1515D

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

Quality: 12,821 global accepts · Rating: 1500 · first AC: 2021-05-02 · C++17 (GCC 7-32) (first AC) · Tags: greedy, sortings, two pointers

[aropan's solution](#)

247.

1408C

[Discrete Acceleration](#) · [Tutorial](#)

Quality: 9,274 global accepts · Rating: 1500 · first AC: 2020-09-30 · C++17 (GCC 7-32) (first AC) · Tags: binary search, dp, implementation, math, two pointers

[aropan's solution](#)

248.

908C

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

Quality: 7,203 global accepts · Rating: 1500 · first AC: 2020-09-02 · C++17 (GCC 7-32) (first AC) · Tags: brute force, geometry, implementation, math

[aropan's solution](#)

249.

1389C

[Good String](#) · [Tutorial](#)

Quality: 20,565 global accepts · Rating: 1500 · first AC: 2020-07-29 · C++17 (GCC 7-32) (first AC) · Tags: brute force, dp, greedy, two pointers
[aropan's solution](#)

250.

1368C

[Even Picture](#) · [Tutorial](#)

Quality: 14,031 global accepts · Rating: 1500 · first AC: 2020-06-18 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms
[aropan's solution](#)

251.

1368B

[Codeforces Subsequences](#) · [Tutorial](#)

Quality: 21,430 global accepts · Rating: 1500 · first AC: 2020-06-18 · C++17 (GCC 7-32) (first AC) · Tags: brute force, constructive algorithms, greedy, math, strings
[aropan's solution](#)

252.

1366C

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

Quality: 14,261 global accepts · Rating: 1500 · first AC: 2020-06-11 · C++17 (GCC 7-32) (first AC) · Tags: greedy, math
[aropan's solution](#)

253.

1340A

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

Quality: 13,691 global accepts · Rating: 1500 · first AC: 2020-04-23 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, greedy, implementation
[aropan's solution](#)

254.

1338A

[Powered Addition](#) · [Tutorial](#)

Quality: 30,345 global accepts · Rating: 1500 · first AC: 2020-04-12 · C++17 (GCC 7-32) (first AC) · Tags: greedy, math
[aropan's solution](#)

255.

1326D1

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

Quality: 13,295 global accepts · Rating: 1500 · first AC: 2020-03-19 · C++17 (GCC 7-32) (first AC) · Tags: hashing, string suffix structures, strings
[aropan's solution](#)

256.

1307C

[Cow and Message](#) · [Tutorial](#)

Quality: 12,592 global accepts · Rating: 1500 · first AC: 2020-02-17 · C++17 (GCC 7-32) (first AC) · Tags: brute force, dp, math, strings
[aropan's solution](#)

257.

1299A

[Anu Has a Function](#) · [Tutorial](#)

Quality: 12,551 global accepts · Rating: 1500 · first AC: 2020-02-09 · C++17 (GCC 7-32) (first AC) · Tags: brute force, greedy, math
[aropan's solution](#)

258.

1161A

[Hide and Seek](#) · [Tutorial](#)

Rating: 1500 · first AC: 2019-05-04 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, graphs
[aropan's solution](#)

259.

1054C

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

Quality: 4,488 global accepts · Rating: 1500 · first AC: 2018-10-18 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, implementation

[aropan's solution](#)

260.

855B

[Marvolo Gaunt's Ring](#) · [Tutorial](#)

Quality: 9,946 global accepts · Rating: 1500 · first AC: 2017-09-24 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures, dp

[aropan's solution](#)

261.

860A

[Did you mean...](#) · [Tutorial](#)

Rating: 1500 · first AC: 2017-09-17 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation

[aropan's solution](#)

262.

859C

[Pie Rules](#) · [Tutorial](#)

Quality: 6,076 global accepts · Rating: 1500 · first AC: 2017-09-16 · C++14 (GCC 6-32) (first AC) · Tags: dp, games

[aropan's solution](#)

263.

611C

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

Quality: 9,027 global accepts · Rating: 1500 · first AC: 2015-12-30 · GNU C++11 (first AC) · Tags: dp, implementation

[aropan's solution](#)

264.

494A

[Treasure](#) · [Tutorial](#)

Quality: 6,549 global accepts · Rating: 1500 · first AC: 2014-12-13 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

265.

468A

[24 Game](#) · [Tutorial](#)

Quality: 8,399 global accepts · Rating: 1500 · first AC: 2014-09-20 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, math

[aropan's solution](#)

266.

403A

[Searching for Graph](#) · [Tutorial](#)

Rating: 1500 · first AC: 2014-03-16 · GNU C++ (first AC) · Tags: constructive algorithms, graphs

[aropan's solution](#)

267.

356A

[Knight Tournament](#) · [Tutorial](#)

Quality: 16,790 global accepts · Rating: 1500 · first AC: 2013-10-15 · GNU C++ (first AC) · Tags: data structures, dsu

[aropan's solution](#)

268.

354A

[Vasya and Robot](#) · [Tutorial](#)

Quality: 5,658 global accepts · Rating: 1500 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: brute force, greedy, math

[aropan's solution](#)

269.

345A

[Expecting Trouble](#) · [Tutorial](#)

Quality: 532 global accepts · Rating: 1500 · first AC: 2013-09-13 · Ada (first AC) · Tags: *special, probabilities

[aropan's solution](#)

270.

341B

[Bubble Sort Graph](#) · [Tutorial](#)

Rating: 1500 · first AC: 2013-08-30 · GNU C++ (first AC) · Tags: binary search, data structures, dp

[aropan's solution](#)

271.

332B

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

Quality: 8,711 global accepts · Rating: 1500 · first AC: 2013-07-24 · Python 2 (first AC) · Tags: data structures, dp, implementation

[aropan's solution](#)

272.

325A

[Square and Rectangles](#) · [Tutorial](#)

Quality: 2,301 global accepts · Rating: 1500 · first AC: 2013-07-13 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

273.

293A

[Weird Game](#) · [Tutorial](#)

Quality: 3,197 global accepts · Rating: 1500 · first AC: 2013-04-22 · GNU C++ (first AC) · Tags: games, greedy

[aropan's solution](#)

274.

274A

[k-Multiple Free Set](#) · [Tutorial](#)

Quality: 10,813 global accepts · Rating: 1500 · first AC: 2013-02-20 · GNU C++ (first AC) · Tags: binary search, greedy, sortings

[aropan's solution](#)

275.

264B

[Good Sequences](#) · [Tutorial](#)

Quality: 12,022 global accepts · Rating: 1500 · first AC: 2013-01-20 · GNU C++ (first AC) · Tags: dp, number theory

[aropan's solution](#)

276.

237B

[Young Table](#) · [Tutorial](#)

Quality: 2,376 global accepts · Rating: 1500 · first AC: 2012-10-25 · GNU C++ (first AC) · Tags: implementation, sortings

[aropan's solution](#)

277.

229A

[Shifts](#) · [Tutorial](#)

Quality: 3,754 global accepts · Rating: 1500 · first AC: 2012-10-01 · GNU C++ (first AC) · Tags: brute force, two pointers

[aropan's solution](#)

278.

204A

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

Quality: 6,590 global accepts · Rating: 1500 · first AC: 2012-07-11 · GNU C++ (first AC) · Tags: binary search, combinatorics, dp

[aropan's solution](#)

279.

204B

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

Quality: 5,909 global accepts · Rating: 1500 · first AC: 2012-07-11 · GNU C++ (first AC) · Tags: binary search, data structures

[aropan's solution](#)

280.

191A

[Dynasty Puzzles](#) · [Tutorial](#)

Quality: 4,554 global accepts · Rating: 1500 · first AC: 2012-05-27 · GNU C++ (first AC) · Tags: dp

[aropan's solution](#)

281.

178D1

[Magic Squares](#) · [Tutorial](#)

Quality: 735 global accepts · Rating: 1500 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

282.

172D

[Calendar Reform](#) · [Tutorial](#)

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

[aropan's solution](#)

283.

172C

[Bus](#) · [Tutorial](#)

Quality: 1,259 global accepts · Rating: 1500 · first AC: 2012-04-03 · GNU C++ (first AC) · Tags: *special, implementation, sortings

[aropan's solution](#)

284.

144C

[Anagram Search](#) · [Tutorial](#)

Quality: 4,264 global accepts · Rating: 1500 · first AC: 2012-01-18 · GNU C++ (first AC) · Tags: implementation, strings

[aropan's solution](#)

285.

137C

[History](#) · [Tutorial](#)

Quality: 7,815 global accepts · Rating: 1500 · first AC: 2011-12-23 · GNU C++ (first AC) · Tags: sortings

[aropan's solution](#)

286.

130D

[Exponentiation](#) · [Tutorial](#)

Quality: 425 global accepts · Rating: 1500 · first AC: 2011-11-20 · Befunge (first AC) · Tags: *special

[aropan's solution](#)

287.

130C

[Decimal sum](#) · [Tutorial](#)

Quality: 539 global accepts · Rating: 1500 · first AC: 2011-11-20 · Befunge (first AC) · Tags: *special

[aropan's solution](#)

288.

128A

[Statues](#) · [Tutorial](#)

Quality: 3,509 global accepts · Rating: 1500 · first AC: 2011-11-15 · GNU C++ (first AC) · Tags: dfs and similar

[aropan's solution](#)

289.

121B

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

Quality: 2,822 global accepts · Rating: 1500 · first AC: 2011-10-27 · GNU C++ (first AC) · Tags: strings

[aropan's solution](#)

290.

115B

[Lawnmower](#) · [Tutorial](#)

Quality: 2,841 global accepts · Rating: 1500 · first AC: 2011-09-15 · GNU C++ (first AC) · Tags: greedy, sortings

[aropan's solution](#)

291.

87A

[Trains](#) · [Tutorial](#)

Quality: 5,815 global accepts · Rating: 1500 · first AC: 2011-06-07 · GNU C++ (first AC) · Tags: implementation, math

[aropan's solution](#)

292.

74B

[Train](#) · [Tutorial](#)

Quality: 1,785 global accepts · Rating: 1500 · first AC: 2011-04-15 · GNU C++ (first AC) · Tags: dp, games, greedy

[aropan's solution](#)

293.

64B

[Expression](#) · [Tutorial](#)

Quality: 1,054 global accepts · Rating: 1500 · first AC: 2011-02-21 · Tcl (first AC) · Tags: *special, expression parsing

[aropan's solution](#)

294.

49B

[Sum](#) · [Tutorial](#)

Quality: 2,802 global accepts · Rating: 1500 · first AC: 2010-12-17 · GNU C++ (first AC) · Tags: math

[aropan's solution](#)

295.

44B

[Cola](#) · [Tutorial](#)

Quality: 2,302 global accepts · Rating: 1500 · first AC: 2010-11-06 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

296.

39J

[Spelling Check](#) · [Tutorial](#)

Quality: 3,571 global accepts · Rating: 1500 · first AC: 2010-10-24 · GNU C++ (first AC) · Tags: hashing, implementation, strings

[aropan's solution](#)

297.

24B

[F1 Champions](#) · [Tutorial](#)

Quality: 2,036 global accepts · Rating: 1500 · first AC: 2010-07-26 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

298.

1609D

[Social Network](#) · [Tutorial](#)

Quality: 8,399 global accepts · Rating: 1600 · first AC: 2021-11-28 · C++17 (GCC 7-32) (first AC) · Tags: dsu, graphs, greedy, implementation, trees

[aropan's solution](#)

299.

1610C

[Keshi Is Throwing a Party](#) · [Tutorial](#)

Quality: 15,623 global accepts · Rating: 1600 · first AC: 2021-11-23 · C++17 (GCC 7-32) (first AC) · Tags: binary search, greedy

[aropan's solution](#)

300.

1544D

[Secret Santa](#) · [Tutorial](#)

Rating: 1600 · first AC: 2021-07-17 · C++17 (GCC 7-32) (first AC) · Tags: graphs, greedy, math

[aropan's solution](#)

301.

1523C

[Compression and Expansion](#) · [Tutorial](#)

Quality: 9,181 global accepts · Rating: 1600 · first AC: 2021-05-30 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, greedy, implementation, trees

[aropan's solution](#)

302.

1483A

[Basic Diplomacy](#) · [Tutorial](#)

Rating: 1600 · first AC: 2021-03-21 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, greedy, implementation

[aropan's solution](#)

303.

523D

[Statistics of Recompressing Videos](#) · [Tutorial](#)

Quality: 2,559 global accepts · Rating: 1600 · first AC: 2020-09-02 · C++17 (GCC 7-32) (first AC) · Tags: *special, data structures, implementation

[aropan's solution](#)

304.

1163B2

[Cat Party \(Hard Edition\) · Tutorial](#)

Quality: 7,647 global accepts · Rating: 1600 · first AC: 2020-08-28 · C++17 (GCC 7-32) (first AC) · Tags: data structures, implementation

[aropan's solution](#)

305.

1389B

[Array Walk · Tutorial](#)

Quality: 20,350 global accepts · Rating: 1600 · first AC: 2020-07-29 · C++17 (GCC 7-32) (first AC) · Tags: brute force, dp, greedy

[aropan's solution](#)

306.

1371D

[Grid-00100 · Tutorial](#)

Quality: 13,708 global accepts · Rating: 1600 · first AC: 2020-07-01 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy, implementation

[aropan's solution](#)

307.

1364C

[Ehab and Prefix MEXs · Tutorial](#)

Quality: 14,359 global accepts · Rating: 1600 · first AC: 2020-06-13 · C++17 (GCC 7-32) (first AC) · Tags: brute force, constructive algorithms, greedy

[aropan's solution](#)

308.

1363C

[Game On Leaves · Tutorial](#)

Quality: 21,079 global accepts · Rating: 1600 · first AC: 2020-05-31 · C++17 (GCC 7-32) (first AC) · Tags: games, trees

[aropan's solution](#)

309.

1344A

[Hilbert's Hotel · Tutorial](#)

Quality: 16,503 global accepts · Rating: 1600 · first AC: 2020-05-06 · C++17 (GCC 7-32) (first AC) · Tags: math, number theory, sortings

[aropan's solution](#)

310.

1336A

[Linova and Kingdom · Tutorial](#)

Quality: 24,667 global accepts · Rating: 1600 · first AC: 2020-04-15 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, dp, greedy, sortings, trees

[aropan's solution](#)

311.

1188A1

[Add on a Tree · Tutorial](#)

Quality: 8,935 global accepts · Rating: 1600 · first AC: 2019-07-05 · C++17 (GCC 7-32) (first AC) · Tags: trees

[aropan's solution](#)

312.

1028C

[Rectangles · Tutorial](#)

Quality: 5,052 global accepts · Rating: 1600 · first AC: 2018-08-27 · C++17 (GCC 7-32) (first AC) · Tags: geometry, implementation, sortings

[aropan's solution](#)

313.

932C

[Permutation Cycle · Tutorial](#)

Quality: 4,239 global accepts · Rating: 1600 · first AC: 2018-02-15 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms

[aropan's solution](#)

314.

860B

[Polycarp's phone book](#) · [Tutorial](#)

Rating: 1600 · first AC: 2017-09-17 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures, hashing, implementation, strings
[aropan's solution](#)

315.

655C

[Enduring Exodus](#) · [Tutorial](#)

Rating: 1600 · first AC: 2016-03-18 · GNU C++11 (first AC) · Tags: binary search, two pointers
[aropan's solution](#)

316.

626C

[Block Towers](#) · [Tutorial](#)

Quality: 4,616 global accepts · Rating: 1600 · first AC: 2016-02-13 · GNU C++11 (first AC) · Tags: brute force, greedy, math, number theory
[aropan's solution](#)

317.

618C

[Constellation](#) · [Tutorial](#)

Quality: 4,664 global accepts · Rating: 1600 · first AC: 2016-01-29 · GNU C++11 (first AC) · Tags: geometry, implementation
[aropan's solution](#)

318.

538C

[Tourist's Notes](#) · [Tutorial](#)

Quality: 6,140 global accepts · Rating: 1600 · first AC: 2015-04-26 · GNU C++11 (first AC) · Tags: binary search, brute force, greedy, implementation, math
[aropan's solution](#)

319.

477A

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

Rating: 1600 · first AC: 2014-10-12 · GNU C++ (first AC) · Tags: math
[aropan's solution](#)

320.

429B

[Working out](#) · [Tutorial](#)

Quality: 10,213 global accepts · Rating: 1600 · first AC: 2014-05-11 · GNU C++ (first AC) · Tags: dp
[aropan's solution](#)

321.

380A

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

Quality: 2,911 global accepts · Rating: 1600 · first AC: 2014-01-12 · GNU C++ (first AC) · Tags: binary search, brute force
[aropan's solution](#)

322.

377A

[Maze](#) · [Tutorial](#)

Quality: 27,053 global accepts · Rating: 1600 · first AC: 2013-12-29 · GNU C++ (first AC) · Tags: dfs and similar
[aropan's solution](#)

323.

372A

[Counting Kangaroos is Fun](#) · [Tutorial](#)

Quality: 15,594 global accepts · Rating: 1600 · first AC: 2013-12-13 · GNU C++ (first AC) · Tags: binary search, greedy, sortings, two pointers
[aropan's solution](#)

324.

343A

[Rational Resistance](#) · [Tutorial](#)

Quality: 10,082 global accepts · Rating: 1600 · first AC: 2013-09-14 · GNU C++ (first AC) · Tags: math, number theory
[aropan's solution](#)

325.

343B

[Alternating Current](#) · [Tutorial](#)

Quality: 17,294 global accepts · Rating: 1600 · first AC: 2013-09-14 · GNU C++ (first AC) · Tags: data structures, greedy, implementation
[aropan's solution](#)

326.

341A

[Tourist Problem](#) · [Tutorial](#)

Rating: 1600 · first AC: 2013-08-30 · GNU C++ (first AC) · Tags: math
[aropan's solution](#)

327.

338A

[Quiz](#) · [Tutorial](#)

Rating: 1600 · first AC: 2013-08-16 · GNU C++ (first AC) · Tags: greedy, math, number theory
[aropan's solution](#)

328.

317A

[Perfect Pair](#) · [Tutorial](#)

Quality: 4,938 global accepts · Rating: 1600 · first AC: 2013-06-14 · GNU C++ (first AC) · Tags: brute force
[aropan's solution](#)

329.

297B

[Fish Weight](#) · [Tutorial](#)

Quality: 3,766 global accepts · Rating: 1600 · first AC: 2013-04-19 · GNU C++ (first AC) · Tags: constructive algorithms, greedy
[aropan's solution](#)

330.

291D

[Parallel Programming](#) · [Tutorial](#)

Quality: 1,539 global accepts · Rating: 1600 · first AC: 2013-04-14 · GNU C++ (first AC) · Tags: *special, greedy
[aropan's solution](#)

331.

291C

[Network Mask](#) · [Tutorial](#)

Quality: 1,852 global accepts · Rating: 1600 · first AC: 2013-04-14 · GNU C++ (first AC) · Tags: *special, bitmasks, brute force, implementation
[aropan's solution](#)

332.

269A

[Magical Boxes](#) · [Tutorial](#)

Quality: 3,699 global accepts · Rating: 1600 · first AC: 2013-02-01 · GNU C++ (first AC) · Tags: greedy, math
[aropan's solution](#)

333.

243A

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

Quality: 4,466 global accepts · Rating: 1600 · first AC: 2012-11-16 · GNU C++ (first AC) · Tags: bitmasks
[aropan's solution](#)

334.

237C

[Primes on Interval](#) · [Tutorial](#)

Quality: 6,648 global accepts · Rating: 1600 · first AC: 2012-10-25 · GNU C++ (first AC) · Tags: binary search, number theory, two pointers
[aropan's solution](#)

335.

232A

[Cycles](#) · [Tutorial](#)

Quality: 2,842 global accepts · Rating: 1600 · first AC: 2012-10-11 · GNU C++ (first AC) · Tags: binary search, constructive algorithms, graphs, greedy
[aropan's solution](#)

336.

207B1

[Military Trainings](#) · [Tutorial](#)

Quality: 357 global accepts · Rating: 1600 · first AC: 2012-07-08 · last AC: 2012-07-08 · GNU C++ (first AC) · Tags: —
[aropan's solution](#)

337.

207A1

[Beaver's Calculator 1.0](#) · [Tutorial](#)

Quality: 370 global accepts · Rating: 1600 · first AC: 2012-07-08 · GNU C++ (first AC) · Tags: greedy
[aropan's solution](#)

338.

178C1

[Smart Beaver and Resolving Collisions](#) · [Tutorial](#)

Quality: 586 global accepts · Rating: 1600 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[aropan's solution](#)

339.

178B2

[Greedy Merchants](#) · [Tutorial](#)

Quality: 770 global accepts · Rating: 1600 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[aropan's solution](#)

340.

178B1

[Greedy Merchants](#) · [Tutorial](#)

Quality: 865 global accepts · Rating: 1600 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[aropan's solution](#)

341.

171G

[Mysterious numbers - 2](#) · [Tutorial](#)

Quality: 1,066 global accepts · Rating: 1600 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special
[aropan's solution](#)

342.

171F

[ucyhf](#) · [Tutorial](#)

Quality: 1,485 global accepts · Rating: 1600 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special, brute force, implementation, number theory
[aropan's solution](#)

343.

167A

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

Quality: 2,186 global accepts · Rating: 1600 · first AC: 2012-03-27 · GNU C++ (first AC) · Tags: implementation, math
[aropan's solution](#)

344.

156B

[Suspects](#) · [Tutorial](#)

Quality: 2,449 global accepts · Rating: 1600 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: constructive algorithms, data structures, implementation
[aropan's solution](#)

345.

142A

[Help Farmer](#) · [Tutorial](#)

Quality: 2,844 global accepts · Rating: 1600 · first AC: 2012-01-12 · GNU C++ (first AC) · Tags: brute force, math
[aropan's solution](#)

346.

138A

[Literature Lesson](#) · [Tutorial](#)

Quality: 2,590 global accepts · Rating: 1600 · first AC: 2011-12-24 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

347.

135B

[Rectangle and Square](#) · [Tutorial](#)

Quality: 2,653 global accepts · Rating: 1600 · first AC: 2011-12-14 · last AC: 2011-12-14 · GNU C++ (first AC) · Tags: brute force, geometry, math

[aropan's solution](#)

348.

130H

[Balanced brackets](#) · [Tutorial](#)

Quality: 929 global accepts · Rating: 1600 · first AC: 2011-11-20 · Befunge (first AC) · Tags: *special

[aropan's solution](#)

349.

130F

[Prime factorization](#) · [Tutorial](#)

Quality: 300 global accepts · Rating: 1600 · first AC: 2011-11-20 · Befunge (first AC) · Tags: *special

[aropan's solution](#)

350.

130E

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

Quality: 323 global accepts · Rating: 1600 · first AC: 2011-11-20 · Befunge (first AC) · Tags: *special

[aropan's solution](#)

351.

113A

[Grammar Lessons](#) · [Tutorial](#)

Quality: 2,603 global accepts · Rating: 1600 · first AC: 2011-09-08 · GNU C++ (first AC) · Tags: implementation, strings

[aropan's solution](#)

352.

107B

[Basketball Team](#) · [Tutorial](#)

Quality: 4,273 global accepts · Rating: 1600 · first AC: 2011-08-23 · GNU C++ (first AC) · Tags: combinatorics, dp, math, probabilities

[aropan's solution](#)

353.

95A

[Hockey](#) · [Tutorial](#)

Quality: 1,856 global accepts · Rating: 1600 · first AC: 2011-08-14 · GNU C++ (first AC) · Tags: implementation, strings

[aropan's solution](#)

354.

86A

[Reflection](#) · [Tutorial](#)

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

[aropan's solution](#)

355.

73A

[The Elder Trolls IV: Oblivon](#) · [Tutorial](#)

Quality: 1,640 global accepts · Rating: 1600 · first AC: 2011-04-10 · GNU C++ (first AC) · Tags: greedy, math

[aropan's solution](#)

356.

71C

[Round Table Knights](#) · [Tutorial](#)

Quality: 7,329 global accepts · Rating: 1600 · first AC: 2011-04-01 · GNU C++ (first AC) · Tags: dp, math, number theory

[aropan's solution](#)

357.

70B

[Text Messaging](#) · [Tutorial](#)

Quality: 2,102 global accepts · Rating: 1600 · first AC: 2011-03-26 · GNU C++ (first AC) · Tags: expression parsing, greedy, strings

[aropan's solution](#)

358.

68B

[Energy exchange](#) · [Tutorial](#)

Quality: 5,579 global accepts · Rating: 1600 · first AC: 2011-03-18 · GNU C++ (first AC) · Tags: binary search

[aropan's solution](#)

359.

64C

[Table](#) · [Tutorial](#)

Quality: 356 global accepts · Rating: 1600 · first AC: 2011-02-21 · Tcl (first AC) · Tags: *special, greedy, implementation, math

[aropan's solution](#)

360.

57B

[Martian Architecture](#) · [Tutorial](#)

Quality: 1,167 global accepts · Rating: 1600 · first AC: 2011-01-25 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

361.

40B

[Repaintings](#) · [Tutorial](#)

Quality: 1,397 global accepts · Rating: 1600 · first AC: 2010-11-05 · GNU C++ (first AC) · Tags: math

[aropan's solution](#)

362.

34D

[Road Map](#) · [Tutorial](#)

Quality: 6,490 global accepts · Rating: 1600 · first AC: 2010-10-11 · GNU C++ (first AC) · Tags: dfs and similar, graphs

[aropan's solution](#)

363.

28A

[Bender Problem](#) · [Tutorial](#)

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

[aropan's solution](#)

364.

28B

[pSort](#) · [Tutorial](#)

Quality: 5,519 global accepts · Rating: 1600 · first AC: 2010-09-17 · GNU C++ (first AC) · Tags: dfs and similar, dsu, graphs

[aropan's solution](#)

365.

23B

[Party](#) · [Tutorial](#)

Quality: 3,861 global accepts · Rating: 1600 · first AC: 2010-07-09 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, math

[aropan's solution](#)

366.

7B

[Memory Manager](#) · [Tutorial](#)

Quality: 2,957 global accepts · Rating: 1600 · first AC: 2010-04-06 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

367.

1586C

[Omkar and Determination](#) · [Tutorial](#)

Rating: 1700 · first AC: 2021-10-17 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, dp, greedy, implementation, two pointers

[aropan's solution](#)

368.

1422C

[Bargain](#) · [Tutorial](#)

Quality: 8,842 global accepts · Rating: 1700 · first AC: 2020-10-06 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, dp, math

[aropan's solution](#)

369.

245C

[Game with Coins](#) · [Tutorial](#)

Quality: 1,687 global accepts · Rating: 1700 · first AC: 2020-09-02 · C++17 (GCC 7-32) (first AC) · Tags: greedy

[aropan's solution](#)

370.

183A

[Headquarters](#) · [Tutorial](#)

Quality: 666 global accepts · Rating: 1700 · first AC: 2020-08-28 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, math

[aropan's solution](#)

371.

1381A2

[Prefix Flip \(Hard Version\)](#) · [Tutorial](#)

Quality: 14,326 global accepts · Rating: 1700 · first AC: 2020-07-21 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, data structures, implementation, strings, two pointers

[aropan's solution](#)

372.

1368D

[AND, OR and square sum](#) · [Tutorial](#)

Quality: 13,662 global accepts · Rating: 1700 · first AC: 2020-06-18 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, greedy, math

[aropan's solution](#)

373.

1361A

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

Quality: 8,845 global accepts · Rating: 1700 · first AC: 2020-06-04 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, graphs, greedy, sortings

[aropan's solution](#)

374.

1340B

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

Quality: 8,311 global accepts · Rating: 1700 · first AC: 2020-04-23 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, dp, graphs, greedy

[aropan's solution](#)

375.

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

[aropan's solution](#)

376.

1314A

[Recommendations](#) · [Tutorial](#)

Rating: 1700 · first AC: 2020-02-23 · C++17 (GCC 7-32) (first AC) · Tags: data structures, greedy, sortings

[aropan's solution](#)

377.

1254A

[Feeding Chicken](#) · [Tutorial](#)

Quality: 5,515 global accepts · Rating: 1700 · first AC: 2019-11-19 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy, implementation

[aropan's solution](#)

378.

1037D

[Valid BFS?](#) · [Tutorial](#)

Quality: 19,101 global accepts · Rating: 1700 · first AC: 2018-09-02 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, graphs, shortest paths, trees

[aropan's solution](#)

379.

766C

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

Quality: 4,941 global accepts · Rating: 1700 · first AC: 2017-02-07 · GNU C++11 (first AC) · Tags: brute force, dp, greedy, strings
[aropan's solution](#)

380.

627B

[Factory Repairs](#) · [Tutorial](#)

Quality: 3,402 global accepts · Rating: 1700 · first AC: 2016-02-28 · GNU C++11 (first AC) · Tags: data structures
[aropan's solution](#)

381.

627A

[XOR Equation](#) · [Tutorial](#)

Quality: 4,798 global accepts · Rating: 1700 · first AC: 2016-02-28 · GNU C++11 (first AC) · Tags: dp, math
[aropan's solution](#)

382.

585B

[Phillip and Trains](#) · [Tutorial](#)

Quality: 3,810 global accepts · Rating: 1700 · first AC: 2015-10-12 · GNU C++11 (first AC) · Tags: dfs and similar, graphs, shortest paths
[aropan's solution](#)

383.

442A

[Borya and Hanabi](#) · [Tutorial](#)

Quality: 2,352 global accepts · Rating: 1700 · first AC: 2014-06-19 · GNU C++ (first AC) · Tags: bitmasks, brute force, implementation
[aropan's solution](#)

384.

387C

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

Quality: 2,286 global accepts · Rating: 1700 · first AC: 2014-01-30 · Python 2 (first AC) · Tags: greedy, implementation
[aropan's solution](#)

385.

303B

[Rectangle Puzzle II](#) · [Tutorial](#)

Quality: 1,424 global accepts · Rating: 1700 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: implementation, math
[aropan's solution](#)

386.

297A

[Parity Game](#) · [Tutorial](#)

Quality: 3,860 global accepts · Rating: 1700 · first AC: 2013-04-19 · GNU C++ (first AC) · Tags: constructive algorithms
[aropan's solution](#)

387.

269B

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

Quality: 6,991 global accepts · Rating: 1700 · first AC: 2013-02-01 · GNU C++ (first AC) · Tags: dp
[aropan's solution](#)

388.

229B

[Planets](#) · [Tutorial](#)

Quality: 5,785 global accepts · Rating: 1700 · first AC: 2012-10-01 · GNU C++ (first AC) · Tags: binary search, data structures, graphs, shortest paths
[aropan's solution](#)

389.

213A

[Game](#) · [Tutorial](#)

Quality: 1,889 global accepts · Rating: 1700 · first AC: 2012-07-30 · GNU C++ (first AC) · Tags: dfs and similar, greedy
[aropan's solution](#)

390.

203D

[Hit Ball](#) · [Tutorial](#)

Quality: 1,513 global accepts · Rating: 1700 · first AC: 2012-07-03 · last AC: 2012-07-03 · Python 2 (first AC) · Tags: geometry, implementation, math

[aropan's solution](#)

391.

201A

[Clear Symmetry](#) · [Tutorial](#)

Quality: 3,246 global accepts · Rating: 1700 · first AC: 2012-06-29 · Python 2 (first AC) · Tags: constructive algorithms, dp, math

[aropan's solution](#)

392.

198A

[About Bacteria](#) · [Tutorial](#)

Quality: 3,329 global accepts · Rating: 1700 · first AC: 2012-06-22 · GNU C++ (first AC) · Tags: implementation, math

[aropan's solution](#)

393.

193A

[Cutting Figure](#) · [Tutorial](#)

Quality: 4,681 global accepts · Rating: 1700 · first AC: 2012-06-03 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, trees

[aropan's solution](#)

394.

191B

[Demonstration](#) · [Tutorial](#)

Quality: 1,101 global accepts · Rating: 1700 · first AC: 2012-05-27 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

395.

176B

[Word Cut](#) · [Tutorial](#)

Quality: 2,389 global accepts · Rating: 1700 · first AC: 2012-04-20 · GNU C++ (first AC) · Tags: dp

[aropan's solution](#)

396.

164A

[Variable, or There and Back Again](#) · [Tutorial](#)

Quality: 1,197 global accepts · Rating: 1700 · first AC: 2012-04-08 · GNU C++ (first AC) · Tags: dfs and similar, graphs

[aropan's solution](#)

397.

171H

[A polyline](#) · [Tutorial](#)

Quality: 335 global accepts · Rating: 1700 · first AC: 2012-04-01 · GNU C++ (first AC) · Tags: *special, implementation

[aropan's solution](#)

398.

163A

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

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

[aropan's solution](#)

399.

161B

[Discounts](#) · [Tutorial](#)

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

[aropan's solution](#)

400.

156A

[Message](#) · [Tutorial](#)

Quality: 3,271 global accepts · Rating: 1700 · first AC: 2012-02-29 · GNU C++ (first AC) · Tags: brute force

[aropan's solution](#)

401.

140A

[New Year Table](#) · [Tutorial](#)

Quality: 4,368 global accepts · Rating: 1700 · first AC: 2012-01-04 · GNU C++ (first AC) · Tags: geometry, math
[aropan's solution](#)

402.

130G

[CAPS LOCK ON](#) · [Tutorial](#)

Quality: 300 global accepts · Rating: 1700 · first AC: 2011-11-20 · Befunge (first AC) · Tags: *special
[aropan's solution](#)

403.

126B

[Password](#) · [Tutorial](#)

Quality: 24,769 global accepts · Rating: 1700 · first AC: 2011-11-09 · GNU C++ (first AC) · Tags: binary search, dp, hashing, string suffix structures, strings
[aropan's solution](#)

404.

106C

[Buns](#) · [Tutorial](#)

Quality: 7,060 global accepts · Rating: 1700 · first AC: 2011-08-19 · GNU C++ (first AC) · Tags: dp
[aropan's solution](#)

405.

101B

[Buses](#) · [Tutorial](#)

Quality: 3,194 global accepts · Rating: 1700 · first AC: 2011-08-15 · GNU C++ (first AC) · Tags: binary search, data structures, dp
[aropan's solution](#)

406.

98A

[Help Victoria the Wise](#) · [Tutorial](#)

Quality: 1,348 global accepts · Rating: 1700 · first AC: 2011-08-01 · GNU C++ (first AC) · Tags: brute force, implementation
[aropan's solution](#)

407.

93A

[Frames](#) · [Tutorial](#)

Quality: 2,072 global accepts · Rating: 1700 · first AC: 2011-06-30 · GNU C++ (first AC) · Tags: implementation
[aropan's solution](#)

408.

82B

[Sets](#) · [Tutorial](#)

Quality: 2,336 global accepts · Rating: 1700 · first AC: 2011-05-06 · GNU C++ (first AC) · Tags: constructive algorithms, hashing, implementation
[aropan's solution](#)

409.

76E

[Points](#) · [Tutorial](#)

Quality: 1,892 global accepts · Rating: 1700 · first AC: 2011-04-12 · GNU C++ (first AC) · Tags: implementation, math
[aropan's solution](#)

410.

76D

[Plus and xor](#) · [Tutorial](#)

Quality: 2,403 global accepts · Rating: 1700 · first AC: 2011-04-12 · GNU C++ (first AC) · Tags: dp, greedy, math
[aropan's solution](#)

411.

65B

[Harry Potter and the History of Magic](#) · [Tutorial](#)

Quality: 1,551 global accepts · Rating: 1700 · first AC: 2011-03-05 · GNU C++ (first AC) · Tags: brute force, greedy, implementation

[aropan's solution](#)

412.

49C

[Disposition](#) · [Tutorial](#)

Quality: 1,867 global accepts · Rating: 1700 · first AC: 2010-12-17 · GNU C++ (first AC) · Tags: constructive algorithms, math

[aropan's solution](#)

413.

44H

[Phone Number](#) · [Tutorial](#)

Quality: 2,003 global accepts · Rating: 1700 · first AC: 2010-11-06 · GNU C++ (first AC) · Tags: dp

[aropan's solution](#)

414.

30B

[Codeforces World Finals](#) · [Tutorial](#)

Quality: 1,387 global accepts · Rating: 1700 · first AC: 2010-09-24 · GNU C++ (first AC) · Tags: implementation

[aropan's solution](#)

415.

440C

[One-Based Arithmetic](#) · [Tutorial](#)

Quality: 1,139 global accepts · Rating: 1800 · first AC: 2026-02-16 · C++23 (GCC 14-64, msys2) (first AC) · Tags: brute force, dfs and similar, divide and conquer

[aropan's solution](#)

416.

1769D1

[A,3D0C! CT2D6BCαC I](#)

Quality: 421 global accepts · Rating: 1800 · first AC: 2022-12-17 · C++17 (GCC 7-32) (first AC) · Tags: *special, brute force, dp

[aropan's solution](#)

417.

687B

[Remainders Game](#) · [Tutorial](#)

Quality: 6,849 global accepts · Rating: 1800 · first AC: 2022-07-20 · last AC: 2022-07-20 · C++17 (GCC 7-32) (first AC) · Tags: chinese remainder theorem, math, number theory

[aropan's solution](#)

418.

1637D

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

Quality: 8,921 global accepts · Rating: 1800 · first AC: 2022-02-12 · C++17 (GCC 7-32) (first AC) · Tags: dp, greedy, math

[aropan's solution](#)

419.

1586D

[Omkar and the Meaning of Life](#) · [Tutorial](#)

Rating: 1800 · first AC: 2021-10-17 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy, interactive, math

[aropan's solution](#)

420.

1556D

[Take a Guess](#) · [Tutorial](#)

Quality: 8,595 global accepts · Rating: 1800 · first AC: 2021-08-29 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, constructive algorithms, interactive, math

[aropan's solution](#)

421.

1556C

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

Quality: 6,216 global accepts · Rating: 1800 · first AC: 2021-08-29 · C++17 (GCC 7-32) (first AC) · Tags: brute force, implementation

[aropan's solution](#)

422.

1446B

[Catching Cheaters](#) · [Tutorial](#)

Quality: 9,038 global accepts · Rating: 1800 · first AC: 2020-11-15 · C++17 (GCC 7-32) (first AC) · Tags: dp, strings

[aropan's solution](#)

423.

433C

[Ryouko's Memory Note](#) · [Tutorial](#)

Quality: 2,619 global accepts · Rating: 1800 · first AC: 2020-08-22 · C++17 (GCC 7-32) (first AC) · Tags: implementation, math, sortings

[aropan's solution](#)

424.

1381B

[Unmerge](#) · [Tutorial](#)

Quality: 9,566 global accepts · Rating: 1800 · first AC: 2020-07-21 · C++17 (GCC 7-32) (first AC) · Tags: dp

[aropan's solution](#)

425.

1338B

[Edge Weight Assignment](#) · [Tutorial](#)

Quality: 9,523 global accepts · Rating: 1800 · first AC: 2020-04-12 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, constructive algorithms, dfs and similar, greedy, math, trees

[aropan's solution](#)

426.

1326D2

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

Quality: 11,757 global accepts · Rating: 1800 · first AC: 2020-03-19 · C++17 (GCC 7-32) (first AC) · Tags: binary search, greedy, hashing, string suffix structures, strings

[aropan's solution](#)

427.

1299B

[Aerodynamic](#) · [Tutorial](#)

Quality: 5,611 global accepts · Rating: 1800 · first AC: 2020-02-09 · C++17 (GCC 7-32) (first AC) · Tags: geometry

[aropan's solution](#)

428.

1254B1

[Send Boxes to Alice \(Easy Version\)](#) · [Tutorial](#)

Quality: 5,007 global accepts · Rating: 1800 · first AC: 2019-11-19 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy, math, number theory, ternary search, two pointers

[aropan's solution](#)

429.

1083A

[The Fair Nut and the Best Path](#) · [Tutorial](#)

Quality: 6,271 global accepts · Rating: 1800 · first AC: 2018-12-10 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dp, trees

[aropan's solution](#)

430.

1067B

[Multihedgehog](#) · [Tutorial](#)

Quality: 2,860 global accepts · Rating: 1800 · first AC: 2018-10-24 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, graphs, shortest paths

[aropan's solution](#)

431.

1063B

[Labyrinth](#) · [Tutorial](#)

Quality: 9,254 global accepts · Rating: 1800 · first AC: 2018-10-14 · C++17 (GCC 7-32) (first AC) · Tags: graphs, shortest paths

[aropan's solution](#)

432.

1053A

[Vasya and Triangle](#) · [Tutorial](#)

Rating: 1800 · first AC: 2018-09-23 · C++17 (GCC 7-32) (first AC) · Tags: geometry

[aropan's solution](#)

433.

914C

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

Quality: 4,209 global accepts · Rating: 1800 · first AC: 2018-01-22 · C++14 (GCC 6-32) (first AC) · Tags: brute force, combinatorics, dp

[aropan's solution](#)

434.

655D

[Robot Rapping Results Report](#) · [Tutorial](#)

Rating: 1800 · first AC: 2016-03-18 · GNU C++11 (first AC) · Tags: binary search, dp, graphs

[aropan's solution](#)

435.

626D

[Jerry's Protest](#) · [Tutorial](#)

Quality: 3,161 global accepts · Rating: 1800 · first AC: 2016-02-13 · GNU C++11 (first AC) · Tags: brute force, combinatorics, dp, probabilities

[aropan's solution](#)

436.

623A

[Graph and String](#) · [Tutorial](#)

Quality: 4,789 global accepts · Rating: 1800 · first AC: 2016-02-04 · GNU C++11 (first AC) · Tags: constructive algorithms, graphs

[aropan's solution](#)

437.

585A

[Gennady the Dentist](#) · [Tutorial](#)

Quality: 4,476 global accepts · Rating: 1800 · first AC: 2015-10-12 · GNU C++11 (first AC) · Tags: brute force, implementation

[aropan's solution](#)

438.

538D

[Weird Chess](#) · [Tutorial](#)

Quality: 2,522 global accepts · Rating: 1800 · first AC: 2015-04-26 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, implementation

[aropan's solution](#)

439.

513G1

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

Quality: 1,847 global accepts · Rating: 1800 · first AC: 2015-02-07 · GNU C++0x (first AC) · Tags: brute force, dfs and similar, dp, meet-in-the-middle

[aropan's solution](#)

440.

513B2

[Permutations](#) · [Tutorial](#)

Quality: 2,930 global accepts · Rating: 1800 · first AC: 2015-02-07 · GNU C++ (first AC) · Tags: bitmasks, divide and conquer, math

[aropan's solution](#)

441.

487A

[Fight the Monster](#) · [Tutorial](#)

Quality: 3,952 global accepts · Rating: 1800 · first AC: 2014-11-21 · GNU C++ (first AC) · Tags: binary search, brute force, implementation

[aropan's solution](#)

442.

482B

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

Quality: 7,729 global accepts · Rating: 1800 · first AC: 2014-10-24 · GNU C++ (first AC) · Tags: constructive algorithms, data structures, trees

[aropan's solution](#)

443.

452B

[4-point polyline](#) · [Tutorial](#)

Quality: 2,118 global accepts · Rating: 1800 · first AC: 2014-07-27 · GNU C++ (first AC) · Tags: brute force, constructive algorithms, geometry, trees

[aropan's solution](#)

444.

403B

[Upgrading Array](#) · [Tutorial](#)

Rating: 1800 · first AC: 2014-03-16 · GNU C++ (first AC) · Tags: dp, greedy, math, number theory

[aropan's solution](#)

445.

280B

[Maximum Xor Secondary](#) · [Tutorial](#)

Quality: 5,251 global accepts · Rating: 1800 · first AC: 2013-03-10 · GNU C++ (first AC) · Tags: data structures, implementation, two pointers

[aropan's solution](#)

446.

274B

[Zero Tree](#) · [Tutorial](#)

Quality: 5,571 global accepts · Rating: 1800 · first AC: 2013-02-20 · GNU C++ (first AC) · Tags: dfs and similar, dp, greedy, trees

[aropan's solution](#)

447.

251B

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

Quality: 1,380 global accepts · Rating: 1800 · first AC: 2012-12-06 · GNU C++ (first AC) · Tags: implementation, math

[aropan's solution](#)

448.

220B

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

Quality: 12,886 global accepts · Rating: 1800 · first AC: 2012-08-31 · GNU C++ (first AC) · Tags: constructive algorithms, data structures

[aropan's solution](#)

449.

207A2

[Beaver's Calculator 1.0](#) · [Tutorial](#)

Quality: 305 global accepts · Rating: 1800 · first AC: 2012-07-08 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

450.

207D1

[The Beaver's Problem - 3](#) · [Tutorial](#)

Quality: 124 global accepts · Rating: 1800 · first AC: 2012-07-08 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

451.

201B

[Guess That Car!](#) · [Tutorial](#)

Quality: 1,392 global accepts · Rating: 1800 · first AC: 2012-06-29 · GNU C++ (first AC) · Tags: math, ternary search

[aropan's solution](#)

452.

178F1

[Representative Sampling](#) · [Tutorial](#)

Quality: 459 global accepts · Rating: 1800 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

453.

178B3

[Greedy Merchants](#) · [Tutorial](#)

Quality: 1,525 global accepts · Rating: 1800 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

454.

182E

[Wooden Fence](#) · [Tutorial](#)

Quality: 1,666 global accepts · Rating: 1800 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: dp

[aropan's solution](#)

455.

180E

[Cubes](#) · [Tutorial](#)

Quality: 2,067 global accepts · Rating: 1800 · first AC: 2012-04-22 · Python 2 (first AC) · Tags: binary search, dp, two pointers

[aropan's solution](#)

456.

173B

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

Quality: 3,990 global accepts · Rating: 1800 · first AC: 2012-04-08 · GNU C++ (first AC) · Tags: dfs and similar, shortest paths

[aropan's solution](#)

457.

167B

[Wizards and Huge Prize](#) · [Tutorial](#)

Quality: 2,452 global accepts · Rating: 1800 · first AC: 2012-03-27 · GNU C++ (first AC) · Tags: dp, math, probabilities

[aropan's solution](#)

458.

161D

[Distance in Tree](#) · [Tutorial](#)

Quality: 19,179 global accepts · Rating: 1800 · first AC: 2012-03-11 · GNU C++ (first AC) · Tags: dfs and similar, dp, trees

[aropan's solution](#)

459.

141C

[Queue](#) · [Tutorial](#)

Quality: 2,726 global accepts · Rating: 1800 · first AC: 2012-01-08 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, sortings

[aropan's solution](#)

460.

140D

[New Year Contest](#) · [Tutorial](#)

Quality: 2,312 global accepts · Rating: 1800 · first AC: 2012-01-04 · GNU C++ (first AC) · Tags: greedy, sortings

[aropan's solution](#)

461.

140B

[New Year Cards](#) · [Tutorial](#)

Quality: 1,754 global accepts · Rating: 1800 · first AC: 2012-01-04 · GNU C++ (first AC) · Tags: brute force, greedy, implementation

[aropan's solution](#)

462.

140C

[New Year Snowmen](#) · [Tutorial](#)

Quality: 4,755 global accepts · Rating: 1800 · first AC: 2012-01-04 · GNU C++ (first AC) · Tags: binary search, data structures, greedy

[aropan's solution](#)

463.

123B

[Squares](#) · [Tutorial](#)

Quality: 1,307 global accepts · Rating: 1800 · first AC: 2011-11-05 · GNU C++ (first AC) · Tags: math

[aropan's solution](#)

464.

120G

[Boom](#) · [Tutorial](#)

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

[aropan's solution](#)

465.

120H

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

Quality: 1,590 global accepts · Rating: 1800 · first AC: 2011-10-18 · GNU C++ (first AC) · Tags: graph matchings

[aropan's solution](#)

466.

95B

[Lucky Numbers](#) · [Tutorial](#)

Quality: 1,399 global accepts · Rating: 1800 · first AC: 2011-08-14 · GNU C++ (first AC) · Tags: dp, greedy

[aropan's solution](#)

467.

85B

[Embassy Queue](#) · [Tutorial](#)

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

[aropan's solution](#)

468.

83B

[Doctor](#) · [Tutorial](#)

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

[aropan's solution](#)

469.

79C

[Beaver](#) · [Tutorial](#)

Quality: 2,111 global accepts · Rating: 1800 · first AC: 2011-04-30 · GNU C++ (first AC) · Tags: data structures, dp, greedy, hashing, strings, two pointers

[aropan's solution](#)

470.

67B

[Restoration of the Permutation](#) · [Tutorial](#)

Quality: 944 global accepts · Rating: 1800 · first AC: 2011-04-24 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

471.

77B

[Falling Anvils](#) · [Tutorial](#)

Quality: 2,867 global accepts · Rating: 1800 · first AC: 2011-04-19 · GNU C++ (first AC) · Tags: math, probabilities

[aropan's solution](#)

472.

73C

[LionAge II](#) · [Tutorial](#)

Quality: 2,488 global accepts · Rating: 1800 · first AC: 2011-04-10 · GNU C++ (first AC) · Tags: dp

[aropan's solution](#)

473.

67A

[Partial Teacher](#) · [Tutorial](#)

Quality: 2,481 global accepts · Rating: 1800 · first AC: 2011-03-14 · GNU C++ (first AC) · Tags: dp, graphs, greedy, implementation

[aropan's solution](#)

474.

65A

[Harry Potter and Three Spells](#) · [Tutorial](#)

Quality: 2,014 global accepts · Rating: 1800 · first AC: 2011-03-05 · GNU C++ (first AC) · Tags: implementation, math

[aropan's solution](#)

475.

61D

[Eternal Victory](#) · [Tutorial](#)

Quality: 7,639 global accepts · Rating: 1800 · first AC: 2011-02-22 · GNU C++ (first AC) · Tags: dfs and similar, graphs, greedy, shortest paths, trees

[aropan's solution](#)

476.

64E

[Prime Segment](#) · [Tutorial](#)

Quality: 295 global accepts · Rating: 1800 · first AC: 2011-02-21 · Tcl (first AC) · Tags: *special, brute force, math, number theory

[aropan's solution](#)

477.

64D

[Presents](#) · [Tutorial](#)

Quality: 298 global accepts · Rating: 1800 · first AC: 2011-02-21 · Tcl (first AC) · Tags: *special, greedy

[aropan's solution](#)

478.

45J

[Planting Trees](#) · [Tutorial](#)

Quality: 1,073 global accepts · Rating: 1800 · first AC: 2010-11-13 · GNU C++ (first AC) · Tags: constructive algorithms

[aropan's solution](#)

479.

44D

[Hyperdrive](#) · [Tutorial](#)

Quality: 800 global accepts · Rating: 1800 · first AC: 2010-11-06 · GNU C++ (first AC) · Tags: math

[aropan's solution](#)

480.

38E

[Let's Go Rolling!](#) · [Tutorial](#)

Quality: 2,998 global accepts · Rating: 1800 · first AC: 2010-10-30 · GNU C++ (first AC) · Tags: dp, sortings

[aropan's solution](#)

481.

30C

[Shooting Gallery](#) · [Tutorial](#)

Quality: 2,394 global accepts · Rating: 1800 · first AC: 2010-09-24 · GNU C++ (first AC) · Tags: dp, probabilities

[aropan's solution](#)

482.

24C

[Sequence of points](#) · [Tutorial](#)

Quality: 1,448 global accepts · Rating: 1800 · first AC: 2010-07-26 · GNU C++ (first AC) · Tags: geometry, implementation, math

[aropan's solution](#)

483.

3C

[Tic-tac-toe](#) · [Tutorial](#)

Quality: 8,280 global accepts · Rating: 1800 · first AC: 2010-03-07 · GNU C++ (first AC) · Tags: brute force, games, implementation

[aropan's solution](#)

484.

1558B

[Up the Strip](#) · [Tutorial](#)

Quality: 5,271 global accepts · Rating: 1900 · first AC: 2021-08-24 · C++17 (GCC 7-32) (first AC) · Tags: brute force, dp, math, number theory, two pointers

[aropan's solution](#)

485.

1483B

[Playlist](#) · [Tutorial](#)

Rating: 1900 · first AC: 2021-03-21 · C++17 (GCC 9-64) (first AC) · Tags: data structures, dsu, implementation

[aropan's solution](#)

486.

1470B

[Strange Definition](#) · [Tutorial](#)

Quality: 6,776 global accepts · Rating: 1900 · first AC: 2021-01-05 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, graphs, hashing, math,

number theory

[aropan's solution](#)

487.

577B

[Modulo Sum](#) · [Tutorial](#)

Quality: 14,859 global accepts · Rating: 1900 · first AC: 2020-09-02 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, data structures, dp, two pointers

[aropan's solution](#)

488.

999D

[Equalize the Remainders](#) · [Tutorial](#)

Quality: 4,897 global accepts · Rating: 1900 · first AC: 2020-08-22 · C++17 (GCC 7-32) (first AC) · Tags: data structures, greedy, implementation

[aropan's solution](#)

489.

1375D

[Replace by MEX](#) · [Tutorial](#)

Quality: 10,142 global accepts · Rating: 1900 · first AC: 2020-07-04 · C++17 (GCC 7-32) (first AC) · Tags: brute force, constructive algorithms, sortings

[aropan's solution](#)

490.

1371E1

[Asterism \(Easy Version\)](#) · [Tutorial](#)

Quality: 5,529 global accepts · Rating: 1900 · first AC: 2020-07-01 · C++17 (GCC 7-32) (first AC) · Tags: binary search, brute force, combinatorics, math, number theory, sortings

[aropan's solution](#)

491.

1369D

[TediousLee](#) · [Tutorial](#)

Quality: 9,229 global accepts · Rating: 1900 · first AC: 2020-06-23 · C++17 (GCC 7-32) (first AC) · Tags: dp, graphs, greedy, math, trees

[aropan's solution](#)

492.

1361B

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

Quality: 3,860 global accepts · Rating: 1900 · first AC: 2020-06-04 · C++17 (GCC 7-32) (first AC) · Tags: greedy, implementation, math, sortings

[aropan's solution](#)

493.

1358D

[The Best Vacation](#) · [Tutorial](#)

Quality: 8,724 global accepts · Rating: 1900 · first AC: 2020-05-26 · C++17 (GCC 7-32) (first AC) · Tags: binary search, brute force, greedy, implementation, two pointers

[aropan's solution](#)

494.

1305D

[Kuroni and the Celebration](#) · [Tutorial](#)

Quality: 5,365 global accepts · Rating: 1900 · first AC: 2020-03-03 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, dfs and similar, interactive, trees

[aropan's solution](#)

495.

1307D

[Cow and Fields](#) · [Tutorial](#)

Quality: 7,171 global accepts · Rating: 1900 · first AC: 2020-02-17 · C++17 (GCC 7-32) (first AC) · Tags: binary search, data structures, dfs and similar, graphs, greedy, shortest paths, sortings

[aropan's solution](#)

496.

1161B

[Chladni Figure](#) · [Tutorial](#)

Rating: 1900 · first AC: 2019-05-04 · C++17 (GCC 7-32) (first AC) · Tags: hashing, implementation, strings

[aropan's solution](#)

497.

1067A

[Array Without Local Maximums](#) · [Tutorial](#)

Quality: 3,133 global accepts · Rating: 1900 · first AC: 2018-10-24 · C++14 (GCC 6-32) (first AC) · Tags: dp

[aropan's solution](#)

498.

1054D

[Changing Array](#) · [Tutorial](#)

Quality: 2,415 global accepts · Rating: 1900 · first AC: 2018-10-18 · C++17 (GCC 7-32) (first AC) · Tags: greedy, implementation

[aropan's solution](#)

499.

1063C

[Dwarves, Hats and Extrasensory Abilities](#) · [Tutorial](#)

Quality: 3,280 global accepts · Rating: 1900 · first AC: 2018-10-14 · C++17 (GCC 7-32) (first AC) · Tags: binary search, constructive algorithms, geometry, interactive

[aropan's solution](#)

500.

914D

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

Quality: 6,385 global accepts · Rating: 1900 · first AC: 2018-01-20 · C++14 (GCC 6-32) (first AC) · Tags: data structures, number theory

[aropan's solution](#)

501.

866B

[Ordering Pizza](#) · [Tutorial](#)

Rating: 1900 · first AC: 2017-09-30 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation, sortings

[aropan's solution](#)

502.

757C

[Felicity is Coming!](#) · [Tutorial](#)

Quality: 2,465 global accepts · Rating: 1900 · first AC: 2017-01-12 · GNU C++11 (first AC) · Tags: data structures, hashing, sortings, strings

[aropan's solution](#)

503.

622D

[Optimal Number Permutation](#) · [Tutorial](#)

Quality: 3,392 global accepts · Rating: 1900 · first AC: 2016-02-10 · GNU C++11 (first AC) · Tags: constructive algorithms

[aropan's solution](#)

504.

549D

[Haar Features](#) · [Tutorial](#)

Quality: 2,254 global accepts · Rating: 1900 · first AC: 2015-06-06 · GNU C++11 (first AC) · Tags: greedy, implementation

[aropan's solution](#)

505.

477B

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

Rating: 1900 · first AC: 2014-10-12 · last AC: 2014-10-12 · GNU C++ (first AC) · Tags: math

[aropan's solution](#)

506.

452D

[Washer, Dryer, Folder](#) · [Tutorial](#)

Quality: 1,666 global accepts · Rating: 1900 · first AC: 2014-07-27 · GNU C++ (first AC) · Tags: greedy, implementation

[aropan's solution](#)

507.

388B

[Fox and Minimal path](#) · [Tutorial](#)

Quality: 2,603 global accepts · Rating: 1900 · first AC: 2014-02-03 · GNU C++ (first AC) · Tags: bitmasks, constructive algorithms, graphs, implementation, math

[aropan's solution](#)

508.

377B

[Preparing for the Contest](#) · [Tutorial](#)

Quality: 2,448 global accepts · Rating: 1900 · first AC: 2013-12-29 · GNU C++ (first AC) · Tags: binary search, data structures, greedy, sortings

[aropan's solution](#)

509.

372B

[Counting Rectangles is Fun](#) · [Tutorial](#)

Quality: 2,839 global accepts · Rating: 1900 · first AC: 2013-12-13 · GNU C++ (first AC) · Tags: brute force, divide and conquer, dp

[aropan's solution](#)

510.

356B

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

Quality: 2,088 global accepts · Rating: 1900 · first AC: 2013-10-15 · GNU C++ (first AC) · Tags: implementation, math

[aropan's solution](#)

511.

343C

[Read Time](#) · [Tutorial](#)

Quality: 3,212 global accepts · Rating: 1900 · first AC: 2013-09-14 · GNU C++ (first AC) · Tags: binary search, greedy, two pointers

[aropan's solution](#)

512.

308C

[Memory for Arrays](#) · [Tutorial](#)

Rating: 1900 · first AC: 2013-05-17 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

513.

292D

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

Quality: 2,770 global accepts · Rating: 1900 · first AC: 2013-04-15 · GNU C++ (first AC) · Tags: data structures, dfs and similar, dp, dsu

[aropan's solution](#)

514.

261B

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

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

[aropan's solution](#)

515.

241G

[Challenging Balloons](#) · [Tutorial](#)

Quality: 564 global accepts · Rating: 1900 · first AC: 2012-11-01 · GNU C++ (first AC) · Tags: constructive algorithms

[aropan's solution](#)

516.

232B

[Table](#) · [Tutorial](#)

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

[aropan's solution](#)

517.

226B

[Naughty Stone Piles](#) · [Tutorial](#)

Quality: 1,709 global accepts · Rating: 1900 · first AC: 2012-09-24 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

518.

213B

[Numbers](#) · [Tutorial](#)

Quality: 1,979 global accepts · Rating: 1900 · first AC: 2012-07-30 · GNU C++ (first AC) · Tags: combinatorics, dp
[aropan's solution](#)

519.

208B

[Solitaire](#) · [Tutorial](#)

Quality: 1,498 global accepts · Rating: 1900 · first AC: 2012-07-23 · Python 2 (first AC) · Tags: dfs and similar, dp
[aropan's solution](#)

520.

207B2

[Military Trainings](#) · [Tutorial](#)

Quality: 238 global accepts · Rating: 1900 · first AC: 2012-07-08 · GNU C++ (first AC) · Tags: —
[aropan's solution](#)

521.

191C

[Fools and Roads](#) · [Tutorial](#)

Quality: 9,223 global accepts · Rating: 1900 · first AC: 2012-05-27 · GNU C++ (first AC) · Tags: data structures, dfs and similar, trees
[aropan's solution](#)

522.

178E1

[The Beaver's Problem - 2](#) · [Tutorial](#)

Quality: 314 global accepts · Rating: 1900 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[aropan's solution](#)

523.

178D2

[Magic Squares](#) · [Tutorial](#)

Quality: 326 global accepts · Rating: 1900 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[aropan's solution](#)

524.

178C2

[Smart Beaver and Resolving Collisions](#) · [Tutorial](#)

Quality: 339 global accepts · Rating: 1900 · first AC: 2012-04-28 · GNU C++ (first AC) · Tags: —
[aropan's solution](#)

525.

180D

[Name](#) · [Tutorial](#)

Quality: 812 global accepts · Rating: 1900 · first AC: 2012-04-22 · Python 2 (first AC) · Tags: greedy, strings
[aropan's solution](#)

526.

173C

[Spiral Maximum](#) · [Tutorial](#)

Quality: 1,112 global accepts · Rating: 1900 · first AC: 2012-04-06 · GNU C++ (first AC) · Tags: brute force, dp
[aropan's solution](#)

527.

158E

[Phone Talks](#) · [Tutorial](#)

Quality: 1,538 global accepts · Rating: 1900 · first AC: 2012-03-04 · GNU C++ (first AC) · Tags: *special, dp, sortings
[aropan's solution](#)

528.

144D

[Missile Silos](#) · [Tutorial](#)

Quality: 5,064 global accepts · Rating: 1900 · first AC: 2012-01-18 · GNU C++ (first AC) · Tags: data structures, dfs and similar, graphs, shortest paths
[aropan's solution](#)

529.

138B

[Digits Permutations](#) · [Tutorial](#)

Quality: 1,110 global accepts · Rating: 1900 · first AC: 2011-12-24 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

530.

137D

[Palindromes](#) · [Tutorial](#)

Quality: 1,722 global accepts · Rating: 1900 · first AC: 2011-12-23 · GNU C++ (first AC) · Tags: dp, strings

[aropan's solution](#)

531.

135C

[Zero-One](#) · [Tutorial](#)

Quality: 1,448 global accepts · Rating: 1900 · first AC: 2011-12-14 · last AC: 2011-12-14 · GNU C++ (first AC) · Tags: constructive algorithms, games, greedy

[aropan's solution](#)

532.

126A

[Hot Bath](#) · [Tutorial](#)

Quality: 1,597 global accepts · Rating: 1900 · first AC: 2011-11-09 · GNU C++ (first AC) · Tags: binary search, brute force, math

[aropan's solution](#)

533.

121C

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

Quality: 1,434 global accepts · Rating: 1900 · first AC: 2011-10-27 · GNU C++ (first AC) · Tags: brute force, combinatorics, number theory

[aropan's solution](#)

534.

120J

[Minimum Sum](#) · [Tutorial](#)

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

[aropan's solution](#)

535.

111B

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

Quality: 4,104 global accepts · Rating: 1900 · first AC: 2011-09-03 · GNU C++ (first AC) · Tags: binary search, data structures, number theory

[aropan's solution](#)

536.

103C

[Russian Roulette](#) · [Tutorial](#)

Quality: 1,049 global accepts · Rating: 1900 · first AC: 2011-08-19 · GNU C++ (first AC) · Tags: constructive algorithms, greedy

[aropan's solution](#)

537.

95C

[Volleyball](#) · [Tutorial](#)

Quality: 3,387 global accepts · Rating: 1900 · first AC: 2011-08-14 · GNU C++ (first AC) · Tags: shortest paths

[aropan's solution](#)

538.

93B

[End of Exams](#) · [Tutorial](#)

Quality: 988 global accepts · Rating: 1900 · first AC: 2011-06-30 · GNU C++ (first AC) · Tags: greedy

[aropan's solution](#)

539.

69D

[Dot](#) · [Tutorial](#)

Quality: 1,130 global accepts · Rating: 1900 · first AC: 2011-04-27 · GNU C++ (first AC) · Tags: dp, games

[aropan's solution](#)

540.

67D

[Optical Experiment](#) · [Tutorial](#)

Quality: 1,777 global accepts · Rating: 1900 · first AC: 2011-04-23 · GNU C++ (first AC) · Tags: binary search, data structures, dp
[aropan's solution](#)

541.

61E

[Enemy is weak](#) · [Tutorial](#)

Quality: 15,175 global accepts · Rating: 1900 · first AC: 2011-02-22 · GNU C++ (first AC) · Tags: data structures, trees
[aropan's solution](#)

542.

57C

[Array](#) · [Tutorial](#)

Quality: 4,006 global accepts · Rating: 1900 · first AC: 2011-01-25 · GNU C++ (first AC) · Tags: combinatorics, math
[aropan's solution](#)

543.

45C

[Dancing Lessons](#) · [Tutorial](#)

Quality: 1,147 global accepts · Rating: 1900 · first AC: 2010-11-13 · GNU C++ (first AC) · Tags: data structures
[aropan's solution](#)

544.

45D

[Event Dates](#) · [Tutorial](#)

Quality: 1,973 global accepts · Rating: 1900 · first AC: 2010-11-13 · GNU C++ (first AC) · Tags: greedy, meet-in-the-middle, sortings
[aropan's solution](#)

545.

38D

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

Quality: 1,075 global accepts · Rating: 1900 · first AC: 2010-10-30 · GNU C++ (first AC) · Tags: implementation
[aropan's solution](#)

546.

25C

[Roads in Berland](#) · [Tutorial](#)

Quality: 8,076 global accepts · Rating: 1900 · first AC: 2010-08-02 · GNU C++ (first AC) · Tags: graphs, shortest paths
[aropan's solution](#)

547.

25D

[Roads not only in Berland](#) · [Tutorial](#)

Quality: 15,577 global accepts · Rating: 1900 · first AC: 2010-08-02 · GNU C++ (first AC) · Tags: dsu, graphs, trees
[aropan's solution](#)

548.

19B

[Checkout Assistant](#) · [Tutorial](#)

Quality: 5,823 global accepts · Rating: 1900 · first AC: 2010-06-24 · GNU C++ (first AC) · Tags: dp
[aropan's solution](#)

549.

5C

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

Quality: 18,068 global accepts · Rating: 1900 · first AC: 2010-03-20 · GNU C++ (first AC) · Tags: constructive algorithms, data structures, dp, greedy, sortings, strings
[aropan's solution](#)

550.

3B

[Lorry](#) · [Tutorial](#)

Quality: 5,233 global accepts · Rating: 1900 · first AC: 2010-03-07 · GNU C++ (first AC) · Tags: greedy, sortings
[aropan's solution](#)

551.

1616D

[Keep the Average High](#) · [Tutorial](#)

Quality: 5,566 global accepts · Rating: 2000 · first AC: 2021-12-29 · C++17 (GCC 7-32) (first AC) · Tags: dp, greedy, math

[aropan's solution](#)

552.

1610D

[Not Quite Lee](#) · [Tutorial](#)

Quality: 3,039 global accepts · Rating: 2000 · first AC: 2021-11-23 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, dp, math, number theory

[aropan's solution](#)

553.

1558C

[Bottom-Tier Reversals](#) · [Tutorial](#)

Quality: 3,714 global accepts · Rating: 2000 · first AC: 2021-08-24 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy

[aropan's solution](#)

554.

1427C

[The Hard Work of Paparazzi](#) · [Tutorial](#)

Quality: 6,070 global accepts · Rating: 2000 · first AC: 2020-10-10 · C++17 (GCC 7-32) (first AC) · Tags: dp

[aropan's solution](#)

555.

1427D

[Unshuffling a Deck](#) · [Tutorial](#)

Quality: 3,696 global accepts · Rating: 2000 · first AC: 2020-10-10 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, implementation

[aropan's solution](#)

556.

1408D

[Searchlights](#) · [Tutorial](#)

Quality: 4,674 global accepts · Rating: 2000 · first AC: 2020-09-30 · C++17 (GCC 7-32) (first AC) · Tags: binary search, brute force, data structures, dp, implementation, sortings, two pointers

[aropan's solution](#)

557.

689E

[Mike and Geometry Problem](#) · [Tutorial](#)

Quality: 2,131 global accepts · Rating: 2000 · first AC: 2020-08-28 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, data structures, dp, geometry, implementation

[aropan's solution](#)

558.

1370D

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855C

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343D

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655.

308B

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656.

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220C

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163C

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128B

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661.

111C

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663.

56D

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38F

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668.

39C

[Moon Craters](#) · [Tutorial](#)

Quality: 697 global accepts · Rating: 2100 · first AC: 2010-10-24 · GNU C++ (first AC) · Tags: dp, sortings

[aropan's solution](#)

669.

1769D2

[A..3D000! CT2DôBCαC II](#)

Quality: 204 global accepts · Rating: 2200 · first AC: 2022-12-17 · last AC: 2022-12-17 · C++17 (GCC 7-32) (first AC) · Tags: *special, brute force

[aropan's solution](#)

670.

1616E

[Lexicographically Small Enough](#) · [Tutorial](#)

Quality: 2,716 global accepts · Rating: 2200 · first AC: 2021-12-29 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, greedy, strings

[aropan's solution](#)

671.

1586E

[Moment of Bloom](#) · [Tutorial](#)

Rating: 2200 · first AC: 2021-10-17 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, dfs and similar, dsu, graph matchings, graphs, greedy, trees

[aropan's solution](#)

672.

1556E

[Equilibrium](#) · [Tutorial](#)

Quality: 2,989 global accepts · Rating: 2200 · first AC: 2021-08-29 · C++17 (GCC 7-32) (first AC) · Tags: data structures, dp, greedy

[aropan's solution](#)

673.

1515E

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

Quality: 4,477 global accepts · Rating: 2200 · first AC: 2021-05-02 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, dp, math

[aropan's solution](#)

674.

1470D

[Strange Housing](#) · [Tutorial](#)

Quality: 4,186 global accepts · Rating: 2200 · first AC: 2021-01-05 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, dfs and similar, graph matchings, graphs, greedy

[aropan's solution](#)

675.

1389E

[Calendar Ambiguity](#) · [Tutorial](#)

Quality: 3,724 global accepts · Rating: 2200 · first AC: 2020-07-29 · C++17 (GCC 7-32) (first AC) · Tags: math, number theory

[aropan's solution](#)

676.

1336C

[Kaavi and Magic Spell](#) · [Tutorial](#)

Quality: 4,085 global accepts · Rating: 2200 · first AC: 2020-04-15 · C++17 (GCC 7-32) (first AC) · Tags: dp, strings

[aropan's solution](#)

677.

1338C

[Perfect Triples](#) · [Tutorial](#)

Quality: 3,440 global accepts · Rating: 2200 · first AC: 2020-04-12 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, brute force, constructive algorithms, divide and conquer, math

[aropan's solution](#)

678.

1305E

[Kuroni and the Score Distribution](#) · [Tutorial](#)

Quality: 3,272 global accepts · Rating: 2200 · first AC: 2020-03-03 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy,

implementation, math

[aropan's solution](#)

679.

1034B

[Little C Loves 3 II](#) · [Tutorial](#)

Quality: 2,290 global accepts · Rating: 2200 · first AC: 2018-09-21 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, flows, graph matchings

[aropan's solution](#)

680.

1039C

[Network Safety](#) · [Tutorial](#)

Quality: 1,492 global accepts · Rating: 2200 · first AC: 2018-09-05 · last AC: 2018-09-05 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, dsu, graphs, math, sortings

[aropan's solution](#)

681.

1037E

[Trips](#) · [Tutorial](#)

Quality: 3,124 global accepts · Rating: 2200 · first AC: 2018-09-02 · C++17 (GCC 7-32) (first AC) · Tags: graphs

[aropan's solution](#)

682.

932D

[Tree](#) · [Tutorial](#)

Quality: 1,976 global accepts · Rating: 2200 · first AC: 2018-02-15 · C++14 (GCC 6-32) (first AC) · Tags: binary search, dp, trees

[aropan's solution](#)

683.

855E

[Salazar Slytherin's Locket](#) · [Tutorial](#)

Quality: 2,137 global accepts · Rating: 2200 · first AC: 2017-09-24 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, dp

[aropan's solution](#)

684.

860C

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

Rating: 2200 · first AC: 2017-09-17 · C++14 (GCC 6-32) (first AC) · Tags: greedy

[aropan's solution](#)

685.

757D

[Felicity's Big Secret Revealed](#) · [Tutorial](#)

Quality: 1,547 global accepts · Rating: 2200 · first AC: 2017-01-12 · GNU C++11 (first AC) · Tags: bitmasks, dp

[aropan's solution](#)

686.

655E

[Intellectual Inquiry](#) · [Tutorial](#)

Rating: 2200 · first AC: 2016-03-18 · GNU C++11 (first AC) · Tags: dp, greedy, strings

[aropan's solution](#)

687.

627C

[Package Delivery](#) · [Tutorial](#)

Quality: 1,313 global accepts · Rating: 2200 · first AC: 2016-02-28 · GNU C++11 (first AC) · Tags: data structures, divide and conquer, greedy

[aropan's solution](#)

688.

622E

[Ants in Leaves](#) · [Tutorial](#)

Quality: 2,455 global accepts · Rating: 2200 · first AC: 2016-02-10 · GNU C++11 (first AC) · Tags: dfs and similar, greedy, sortings, trees

[aropan's solution](#)

689.

618D

[Hamiltonian Spanning Tree](#) · [Tutorial](#)

Quality: 1,897 global accepts · Rating: 2200 · first AC: 2016-01-29 · GNU C++11 (first AC) · Tags: dfs and similar, dp, graph matchings, greedy, trees

[aropan's solution](#)

690.

549C

[The Game Of Parity](#) · [Tutorial](#)

Quality: 1,827 global accepts · Rating: 2200 · first AC: 2015-06-06 · GNU C++11 (first AC) · Tags: games

[aropan's solution](#)

691.

549G

[Happy Line](#) · [Tutorial](#)

Quality: 2,655 global accepts · Rating: 2200 · first AC: 2015-06-06 · GNU C++11 (first AC) · Tags: constructive algorithms, greedy, sortings

[aropan's solution](#)

692.

538F

[A Heap of Heaps](#) · [Tutorial](#)

Quality: 1,861 global accepts · Rating: 2200 · first AC: 2015-04-26 · GNU C++ (first AC) · Tags: brute force, data structures, math, sortings

[aropan's solution](#)

693.

538E

[Demiurges Play Again](#) · [Tutorial](#)

Quality: 1,639 global accepts · Rating: 2200 · first AC: 2015-04-26 · GNU C++11 (first AC) · Tags: dfs and similar, dp, math, trees

[aropan's solution](#)

694.

526D

[Om Nom and Necklace](#) · [Tutorial](#)

Quality: 2,446 global accepts · Rating: 2200 · first AC: 2015-04-04 · GNU C++11 (first AC) · Tags: hashing, string suffix structures, strings

[aropan's solution](#)

695.

507D

[The Maths Lecture](#) · [Tutorial](#)

Quality: 2,125 global accepts · Rating: 2200 · first AC: 2015-01-25 · GNU C++ (first AC) · Tags: dp, implementation

[aropan's solution](#)

696.

461C

[Appleman and a Sheet of Paper](#) · [Tutorial](#)

Quality: 1,393 global accepts · Rating: 2200 · first AC: 2014-08-26 · GNU C++ (first AC) · Tags: data structures, implementation

[aropan's solution](#)

697.

403C

[Strictly Positive Matrix](#) · [Tutorial](#)

Rating: 2200 · first AC: 2014-03-16 · GNU C++ (first AC) · Tags: graphs, math

[aropan's solution](#)

698.

387E

[George and Cards](#) · [Tutorial](#)

Quality: 989 global accepts · Rating: 2200 · first AC: 2014-01-30 · GNU C++ (first AC) · Tags: binary search, data structures

[aropan's solution](#)

699.

387D

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

Quality: 1,169 global accepts · Rating: 2200 · first AC: 2014-01-30 · GNU C++ (first AC) · Tags: graph matchings

[aropan's solution](#)

700.

377C

[Captains Mode](#) · [Tutorial](#)

Quality: 1,258 global accepts · Rating: 2200 · first AC: 2013-12-30 · GNU C++ (first AC) · Tags: bitmasks, dp, games
[aropan's solution](#)

701.

345D

[Chain Letter](#) · [Tutorial](#)

Quality: 83 global accepts · Rating: 2200 · first AC: 2013-09-13 · Ada (first AC) · Tags: *special, dfs and similar, graphs
[aropan's solution](#)

702.

338C

[Divisor Tree](#) · [Tutorial](#)

Rating: 2200 · first AC: 2013-08-16 · GNU C++ (first AC) · Tags: brute force, dp, number theory
[aropan's solution](#)

703.

332C

[Students' Revenge](#) · [Tutorial](#)

Quality: 1,028 global accepts · Rating: 2200 · first AC: 2013-07-25 · Python 2 (first AC) · Tags: data structures, greedy, sortings
[aropan's solution](#)

704.

243C

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

Quality: 563 global accepts · Rating: 2200 · first AC: 2012-11-16 · GNU C++ (first AC) · Tags: dfs and similar, implementation
[aropan's solution](#)

705.

196C

[Paint Tree](#) · [Tutorial](#)

Quality: 1,042 global accepts · Rating: 2200 · first AC: 2012-06-12 · GNU C++ (first AC) · Tags: constructive algorithms, divide and conquer, geometry, sortings, trees
[aropan's solution](#)

706.

191E

[Thwarting Demonstrations](#) · [Tutorial](#)

Quality: 959 global accepts · Rating: 2200 · first AC: 2012-05-27 · GNU C++ (first AC) · Tags: binary search, data structures, trees
[aropan's solution](#)

707.

182A

[Battlefield](#) · [Tutorial](#)

Quality: 349 global accepts · Rating: 2200 · first AC: 2012-04-24 · GNU C++ (first AC) · Tags: geometry, graphs, implementation, shortest paths
[aropan's solution](#)

708.

144E

[Competition](#) · [Tutorial](#)

Quality: 682 global accepts · Rating: 2200 · first AC: 2012-01-18 · GNU C++ (first AC) · Tags: data structures, greedy
[aropan's solution](#)

709.

120I

[Luck is in Numbers](#) · [Tutorial](#)

Quality: 316 global accepts · Rating: 2200 · first AC: 2011-10-18 · GNU C++ (first AC) · Tags: greedy
[aropan's solution](#)

710.

115C

[Plumber](#) · [Tutorial](#)

Quality: 677 global accepts · Rating: 2200 · first AC: 2011-09-15 · GNU C++ (first AC) · Tags: math
[aropan's solution](#)

711.

113C

[Double Happiness](#) · [Tutorial](#)

Quality: 1,451 global accepts · Rating: 2200 · first AC: 2011-09-09 · GNU C++ (first AC) · Tags: brute force, math, number theory
[aropan's solution](#)

712.

86B

[Tetris revisited](#) · [Tutorial](#)

Quality: 453 global accepts · Rating: 2200 · first AC: 2011-05-22 · GNU C++ (first AC) · Tags: constructive algorithms, graph matchings, greedy, math
[aropan's solution](#)

713.

85C

[Petya and Tree](#) · [Tutorial](#)

Quality: 619 global accepts · Rating: 2200 · first AC: 2011-05-20 · GNU C++ (first AC) · Tags: binary search, dfs and similar, probabilities, sortings, trees
[aropan's solution](#)

714.

76A

[Gift](#) · [Tutorial](#)

Quality: 2,263 global accepts · Rating: 2200 · first AC: 2011-04-12 · GNU C++ (first AC) · Tags: dsu, graphs, sortings, trees
[aropan's solution](#)

715.

70C

[Lucky Tickets](#) · [Tutorial](#)

Quality: 632 global accepts · Rating: 2200 · first AC: 2011-03-26 · GNU C++ (first AC) · Tags: binary search, data structures, sortings, two pointers
[aropan's solution](#)

716.

65D

[Harry Potter and the Sorting Hat](#) · [Tutorial](#)

Quality: 480 global accepts · Rating: 2200 · first AC: 2011-03-05 · GNU C++ (first AC) · Tags: brute force, dfs and similar, hashing
[aropan's solution](#)

717.

45G

[Prime Problem](#) · [Tutorial](#)

Quality: 1,221 global accepts · Rating: 2200 · first AC: 2010-11-13 · GNU C++ (first AC) · Tags: number theory
[aropan's solution](#)

718.

25E

[Test](#) · [Tutorial](#)

Quality: 3,158 global accepts · Rating: 2200 · first AC: 2010-08-02 · GNU C++ (first AC) · Tags: hashing, strings
[aropan's solution](#)

719.

19C

[Deletion of Repeats](#) · [Tutorial](#)

Quality: 1,325 global accepts · Rating: 2200 · first AC: 2010-06-24 · GNU C++ (first AC) · Tags: greedy, hashing, string suffix structures
[aropan's solution](#)

720.

1769D3

[A..3D00alCT2DôBCαC III](#)

Quality: 124 global accepts · Rating: 2300 · first AC: 2022-12-17 · C++17 (GCC 7-32) (first AC) · Tags: *special, brute force
[aropan's solution](#)

721.

1610E

[AmShZ and G.O.A.T.](#) · [Tutorial](#)

Quality: 1,923 global accepts · Rating: 2300 · first AC: 2021-11-23 · C++17 (GCC 7-32) (first AC) · Tags: binary search, brute force, greedy, implementation, math

[aropan's solution](#)

722.

1422D

[Returning Home](#) · [Tutorial](#)

Quality: 3,191 global accepts · Rating: 2300 · first AC: 2020-10-06 · C++17 (GCC 7-32) (first AC) · Tags: graphs, shortest paths, sortings

[aropan's solution](#)

723.

1408F

[Two Different](#) · [Tutorial](#)

Quality: 2,681 global accepts · Rating: 2300 · first AC: 2020-09-30 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, divide and conquer

[aropan's solution](#)

724.

1371E2

[Asterism \(Hard Version\)](#) · [Tutorial](#)

Quality: 2,513 global accepts · Rating: 2300 · first AC: 2020-07-01 · C++17 (GCC 7-32) (first AC) · Tags: binary search, combinatorics, dp, math, number theory, sortings

[aropan's solution](#)

725.

1314D

[Tourism](#) · [Tutorial](#)

Rating: 2300 · first AC: 2020-02-23 · C++17 (GCC 7-32) (first AC) · Tags: brute force, dp, graphs, probabilities

[aropan's solution](#)

726.

1254C

[Point Ordering](#) · [Tutorial](#)

Quality: 1,596 global accepts · Rating: 2300 · first AC: 2019-11-19 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, geometry, interactive, math

[aropan's solution](#)

727.

1039A

[Timetable](#) · [Tutorial](#)

Quality: 861 global accepts · Rating: 2300 · first AC: 2018-09-05 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, data structures, greedy, math

[aropan's solution](#)

728.

860D

[Wizard's Tour](#) · [Tutorial](#)

Rating: 2300 · first AC: 2017-09-17 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, graphs, greedy

[aropan's solution](#)

729.

623B

[Array GCD](#) · [Tutorial](#)

Quality: 2,370 global accepts · Rating: 2300 · first AC: 2016-02-04 · GNU C++11 (first AC) · Tags: dp, greedy, number theory

[aropan's solution](#)

730.

585D

[Lizard Era: Beginning](#) · [Tutorial](#)

Quality: 2,038 global accepts · Rating: 2300 · first AC: 2015-10-12 · GNU C++11 (first AC) · Tags: meet-in-the-middle

[aropan's solution](#)

731.

549B

[Lookery Party](#) · [Tutorial](#)

Quality: 1,586 global accepts · Rating: 2300 · first AC: 2015-06-06 · GNU C++11 (first AC) · Tags: constructive algorithms, dfs and similar,

graphs, greedy

[aropan's solution](#)

732.

543D

[Road Improvement](#) · [Tutorial](#)

Quality: 3,255 global accepts · Rating: 2300 · first AC: 2015-05-07 · GNU C++11 (first AC) · Tags: dp, trees

[aropan's solution](#)

733.

516C

[Brazil and Park](#) · [Tutorial](#)

Rating: 2300 · first AC: 2015-02-17 · GNU C++0x (first AC) · Tags: data structures

[aropan's solution](#)

734.

207D8

[The Beaver's Problem - 3](#) · [Tutorial](#)

Quality: 100 global accepts · Rating: 2300 · first AC: 2012-07-08 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

735.

203E

[Transportation](#) · [Tutorial](#)

Quality: 309 global accepts · Rating: 2300 · first AC: 2012-07-03 · GNU C++ (first AC) · Tags: greedy, sortings, two pointers

[aropan's solution](#)

736.

142C

[Help Caretaker](#) · [Tutorial](#)

Quality: 997 global accepts · Rating: 2300 · first AC: 2012-01-12 · GNU C++ (first AC) · Tags: brute force, dp

[aropan's solution](#)

737.

141E

[Clearing Up](#) · [Tutorial](#)

Quality: 1,366 global accepts · Rating: 2300 · first AC: 2012-01-08 · GNU C++ (first AC) · Tags: constructive algorithms, dp, dsu, graphs

[aropan's solution](#)

738.

141D

[Take-off Ramps](#) · [Tutorial](#)

Quality: 1,212 global accepts · Rating: 2300 · first AC: 2012-01-08 · GNU C++ (first AC) · Tags: graphs, shortest paths

[aropan's solution](#)

739.

126D

[Fibonacci Sums](#) · [Tutorial](#)

Quality: 946 global accepts · Rating: 2300 · first AC: 2011-11-09 · GNU C++ (first AC) · Tags: dp, math

[aropan's solution](#)

740.

123D

[String](#) · [Tutorial](#)

Quality: 1,431 global accepts · Rating: 2300 · first AC: 2011-11-05 · GNU C++ (first AC) · Tags: string suffix structures

[aropan's solution](#)

741.

123C

[Brackets](#) · [Tutorial](#)

Quality: 721 global accepts · Rating: 2300 · first AC: 2011-11-05 · GNU C++ (first AC) · Tags: combinatorics, dp, greedy

[aropan's solution](#)

742.

101D

[Castle](#) · [Tutorial](#)

Quality: 790 global accepts · Rating: 2300 · first AC: 2011-08-15 · GNU C++ (first AC) · Tags: dp, greedy, probabilities, sortings, trees

[aropan's solution](#)

743.

85D

[Sum of Medians](#) · [Tutorial](#)

Quality: 2,419 global accepts · Rating: 2300 · first AC: 2011-05-20 · GNU C++ (first AC) · Tags: binary search, brute force, data structures, implementation

[aropan's solution](#)

744.

78D

[Archer's Shot](#) · [Tutorial](#)

Quality: 373 global accepts · Rating: 2300 · first AC: 2011-04-27 · GNU C++ (first AC) · Tags: binary search, geometry, math, two pointers

[aropan's solution](#)

745.

76F

[Tourist](#) · [Tutorial](#)

Quality: 771 global accepts · Rating: 2300 · first AC: 2011-04-23 · GNU C++ (first AC) · Tags: binary search, data structures, dp

[aropan's solution](#)

746.

77D

[Domino Carpet](#) · [Tutorial](#)

Quality: 363 global accepts · Rating: 2300 · first AC: 2011-04-19 · GNU C++ (first AC) · Tags: dp, implementation

[aropan's solution](#)

747.

64H

[Table Bowling](#) · [Tutorial](#)

Quality: 122 global accepts · Rating: 2300 · first AC: 2011-02-21 · Tcl (first AC) · Tags: *special, sortings

[aropan's solution](#)

748.

49E

[Common ancestor](#) · [Tutorial](#)

Quality: 798 global accepts · Rating: 2300 · first AC: 2010-12-17 · GNU C++ (first AC) · Tags: dp

[aropan's solution](#)

749.

44I

[Toys](#) · [Tutorial](#)

Quality: 231 global accepts · Rating: 2300 · first AC: 2010-11-06 · GNU C++ (first AC) · Tags: brute force, combinatorics

[aropan's solution](#)

750.

24E

[Berland collider](#) · [Tutorial](#)

Quality: 1,025 global accepts · Rating: 2300 · first AC: 2010-07-26 · GNU C++ (first AC) · Tags: binary search

[aropan's solution](#)

751.

1370F1

[The Hidden Pair \(Easy Version\)](#) · [Tutorial](#)

Quality: 1,784 global accepts · Rating: 2400 · first AC: 2020-06-20 · C++17 (GCC 7-32) (first AC) · Tags: binary search, dfs and similar, graphs, interactive, shortest paths, trees

[aropan's solution](#)

752.

1358E

[Are You Fired?](#) · [Tutorial](#)

Quality: 2,451 global accepts · Rating: 2400 · first AC: 2020-05-26 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, data structures, greedy, implementation

[aropan's solution](#)

753.

1340C

[Nastya and Unexpected Guest](#) · [Tutorial](#)

Quality: 2,416 global accepts · Rating: 2400 · first AC: 2020-04-23 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, dp, graphs, shortest paths

[aropan's solution](#)

754.

1161D

[Palindrome XOR](#) · [Tutorial](#)

Rating: 2400 · first AC: 2019-05-04 · C++17 (GCC 7-32) (first AC) · Tags: graphs, implementation

[aropan's solution](#)

755.

1083E

[The Fair Nut and Rectangles](#) · [Tutorial](#)

Quality: 5,614 global accepts · Rating: 2400 · first AC: 2018-12-10 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dp, geometry

[aropan's solution](#)

756.

866C

[Gotta Go Fast](#) · [Tutorial](#)

Rating: 2400 · first AC: 2017-09-30 · C++14 (GCC 6-32) (first AC) · Tags: binary search, dp, probabilities

[aropan's solution](#)

757.

626F

[Group Projects](#) · [Tutorial](#)

Quality: 3,592 global accepts · Rating: 2400 · first AC: 2016-02-13 · GNU C++11 (first AC) · Tags: dp

[aropan's solution](#)

758.

585C

[Alice, Bob, Oranges and Apples](#) · [Tutorial](#)

Quality: 1,065 global accepts · Rating: 2400 · first AC: 2015-10-12 · GNU C++11 (first AC) · Tags: number theory

[aropan's solution](#)

759.

526E

[Transmitting Levels](#) · [Tutorial](#)

Quality: 1,180 global accepts · Rating: 2400 · first AC: 2015-04-04 · GNU C++11 (first AC) · Tags: dp, implementation

[aropan's solution](#)

760.

513D1

[Constrained Tree](#) · [Tutorial](#)

Quality: 648 global accepts · Rating: 2400 · first AC: 2015-02-07 · last AC: 2015-02-07 · GNU C++ (first AC) · Tags: dfs and similar

[aropan's solution](#)

761.

380B

[Sereja and Tree](#) · [Tutorial](#)

Quality: 575 global accepts · Rating: 2400 · first AC: 2014-01-12 · GNU C++ (first AC) · Tags: graphs, implementation

[aropan's solution](#)

762.

379F

[New Year Tree](#) · [Tutorial](#)

Quality: 2,753 global accepts · Rating: 2400 · first AC: 2014-01-02 · GNU C++ (first AC) · Tags: data structures, divide and conquer, trees

[aropan's solution](#)

763.

377D

[Developing Game](#) · [Tutorial](#)

Quality: 1,339 global accepts · Rating: 2400 · first AC: 2013-12-29 · GNU C++ (first AC) · Tags: data structures

[aropan's solution](#)

764.

354B

[Game with Strings](#) · [Tutorial](#)

Quality: 503 global accepts · Rating: 2400 · first AC: 2013-10-13 · GNU C++ (first AC) · Tags: bitmasks, dp, games
[aropan's solution](#)

765.

332D

[Theft of Blueprints](#) · [Tutorial](#)

Quality: 417 global accepts · Rating: 2400 · first AC: 2013-07-24 · GNU C++ (first AC) · Tags: graphs, math
[aropan's solution](#)

766.

303C

[Minimum Modular](#) · [Tutorial](#)

Quality: 967 global accepts · Rating: 2400 · first AC: 2013-05-12 · GNU C++ (first AC) · Tags: brute force, graphs, math, number theory
[aropan's solution](#)

767.

277C

[Game](#) · [Tutorial](#)

Quality: 491 global accepts · Rating: 2400 · first AC: 2013-02-28 · GNU C++ (first AC) · Tags: games, implementation
[aropan's solution](#)

768.

226C

[Anniversary](#) · [Tutorial](#)

Quality: 1,017 global accepts · Rating: 2400 · first AC: 2012-09-24 · GNU C++ (first AC) · Tags: data structures, implementation, math, matrices, number theory
[aropan's solution](#)

769.

220E

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

Quality: 1,716 global accepts · Rating: 2400 · first AC: 2012-09-01 · GNU C++ (first AC) · Tags: data structures, two pointers
[aropan's solution](#)

770.

198C

[Delivering Carcinogen](#) · [Tutorial](#)

Quality: 428 global accepts · Rating: 2400 · first AC: 2012-06-22 · GNU C++ (first AC) · Tags: binary search, geometry
[aropan's solution](#)

771.

193C

[Hamming Distance](#) · [Tutorial](#)

Quality: 615 global accepts · Rating: 2400 · first AC: 2012-06-03 · GNU C++ (first AC) · Tags: constructive algorithms, greedy, math, matrices
[aropan's solution](#)

772.

161C

[Abracadabra](#) · [Tutorial](#)

Quality: 693 global accepts · Rating: 2400 · first AC: 2012-03-11 · GNU C++ (first AC) · Tags: divide and conquer
[aropan's solution](#)

773.

107D

[Crime Management](#) · [Tutorial](#)

Quality: 487 global accepts · Rating: 2400 · first AC: 2011-08-24 · last AC: 2011-08-24 · GNU C++ (first AC) · Tags: dp, graphs, matrices
[aropan's solution](#)

774.

107C

[Arrangement](#) · [Tutorial](#)

Quality: 460 global accepts · Rating: 2400 · first AC: 2011-08-24 · GNU C++ (first AC) · Tags: bitmasks, dp
[aropan's solution](#)

775.

83C

[Track](#) · [Tutorial](#)

Quality: 476 global accepts · Rating: 2400 · first AC: 2011-05-13 · GNU C++ (first AC) · Tags: graphs, greedy, shortest paths
[aropan's solution](#)

776.

73E

[Morrowindows](#) · [Tutorial](#)

Quality: 412 global accepts · Rating: 2400 · first AC: 2011-04-10 · GNU C++ (first AC) · Tags: math, number theory
[aropan's solution](#)

777.

39G

[Inverse Function](#) · [Tutorial](#)

Quality: 160 global accepts · Rating: 2400 · first AC: 2010-10-25 · Python 2 (first AC) · Tags: implementation
[aropan's solution](#)

778.

1556F

[Sports Betting](#) · [Tutorial](#)

Quality: 1,420 global accepts · Rating: 2500 · first AC: 2021-08-29 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, combinatorics, dp, graphs, math, probabilities
[aropan's solution](#)

779.

1470C

[Strange Shuffle](#) · [Tutorial](#)

Quality: 1,439 global accepts · Rating: 2500 · first AC: 2021-01-05 · last AC: 2021-01-05 · C++17 (GCC 7-32) (first AC) · Tags: binary search, brute force, constructive algorithms, interactive
[aropan's solution](#)

780.

1427E

[Xum](#) · [Tutorial](#)

Quality: 1,632 global accepts · Rating: 2500 · first AC: 2020-10-10 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, constructive algorithms, math, matrices, number theory
[aropan's solution](#)

781.

1381C

[Mastermind](#) · [Tutorial](#)

Quality: 1,710 global accepts · Rating: 2500 · first AC: 2020-07-21 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, graph matchings, greedy, implementation, sortings, two pointers
[aropan's solution](#)

782.

1375E

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

Quality: 3,371 global accepts · Rating: 2500 · first AC: 2020-07-05 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, greedy, sortings
[aropan's solution](#)

783.

1361C

[Johnny and Megan's Necklace](#) · [Tutorial](#)

Quality: 1,836 global accepts · Rating: 2500 · first AC: 2020-06-04 · C++17 (GCC 7-32) (first AC) · Tags: binary search, bitmasks, constructive algorithms, dfs and similar, dsu, graphs
[aropan's solution](#)

784.

1314B

[Double Elimination](#) · [Tutorial](#)

Rating: 2500 · first AC: 2020-02-23 · last AC: 2020-04-22 · C++17 (GCC 7-32) (first AC) · Tags: dp, implementation
[aropan's solution](#)

785.

1307E

[Cow and Treats](#) · [Tutorial](#)

Quality: 1,364 global accepts · Rating: 2500 · first AC: 2020-02-17 · C++17 (GCC 7-32) (first AC) · Tags: binary search, combinatorics, dp, greedy, implementation, math

[aropan's solution](#)

786.

1188C

[Array Beauty](#) · [Tutorial](#)

Quality: 2,133 global accepts · Rating: 2500 · first AC: 2019-07-05 · C++17 (GCC 7-32) (first AC) · Tags: dp

[aropan's solution](#)

787.

1053C

[Putting Boxes Together](#) · [Tutorial](#)

Rating: 2500 · first AC: 2018-09-24 · C++17 (GCC 7-32) (first AC) · Tags: binary search, data structures

[aropan's solution](#)

788.

1037F

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

Quality: 1,272 global accepts · Rating: 2500 · first AC: 2018-09-02 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, data structures, math

[aropan's solution](#)

789.

855D

[Rowena Ravenclaw's Diadem](#) · [Tutorial](#)

Quality: 583 global accepts · Rating: 2500 · first AC: 2017-09-24 · C++14 (GCC 6-32) (first AC) · Tags: trees

[aropan's solution](#)

790.

655F

[Cowslip Collections](#) · [Tutorial](#)

Rating: 2500 · first AC: 2016-03-18 · GNU C++11 (first AC) · Tags: combinatorics, number theory

[aropan's solution](#)

791.

618E

[Robot Arm](#) · [Tutorial](#)

Quality: 696 global accepts · Rating: 2500 · first AC: 2016-01-29 · GNU C++11 (first AC) · Tags: data structures, geometry

[aropan's solution](#)

792.

611F

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

Quality: 522 global accepts · Rating: 2500 · first AC: 2015-12-30 · GNU C++11 (first AC) · Tags: binary search, implementation

[aropan's solution](#)

793.

543C

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

Quality: 1,555 global accepts · Rating: 2500 · first AC: 2015-05-07 · last AC: 2015-05-07 · GNU C++11 (first AC) · Tags: bitmasks, dp

[aropan's solution](#)

794.

468C

[Hack it!](#) · [Tutorial](#)

Quality: 2,739 global accepts · Rating: 2500 · first AC: 2014-09-20 · GNU C++ (first AC) · Tags: binary search, constructive algorithms, math

[aropan's solution](#)

795.

380D

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

Quality: 522 global accepts · Rating: 2500 · first AC: 2014-01-15 · GNU C++ (first AC) · Tags: combinatorics, math

[aropan's solution](#)

796.

379E

[New Year Tree Decorations](#) · [Tutorial](#)

Quality: 379 global accepts · Rating: 2500 · first AC: 2014-01-02 · GNU C++ (first AC) · Tags: geometry, schedules, sortings
[aropan's solution](#)

797.

173D

[Deputies](#) · [Tutorial](#)

Quality: 289 global accepts · Rating: 2500 · first AC: 2012-04-06 · GNU C++ (first AC) · Tags: constructive algorithms, graphs, greedy, implementation
[aropan's solution](#)

798.

161E

[Polycarpus the Safecracker](#) · [Tutorial](#)

Quality: 507 global accepts · Rating: 2500 · first AC: 2012-03-11 · GNU C++ (first AC) · Tags: brute force, dp
[aropan's solution](#)

799.

135D

[Cycle](#) · [Tutorial](#)

Quality: 314 global accepts · Rating: 2500 · first AC: 2011-12-14 · GNU C++ (first AC) · Tags: brute force, dfs and similar, implementation
[aropan's solution](#)

800.

123E

[Maze](#) · [Tutorial](#)

Quality: 803 global accepts · Rating: 2500 · first AC: 2011-11-05 · GNU C++ (first AC) · Tags: dfs and similar, dp, probabilities, trees
[aropan's solution](#)

801.

121D

[Lucky Segments](#) · [Tutorial](#)

Quality: 329 global accepts · Rating: 2500 · first AC: 2011-10-27 · GNU C++ (first AC) · Tags: binary search, implementation, two pointers
[aropan's solution](#)

802.

101E

[Candies and Stones](#) · [Tutorial](#)

Quality: 604 global accepts · Rating: 2500 · first AC: 2011-08-15 · GNU C++ (first AC) · Tags: divide and conquer, dp
[aropan's solution](#)

803.

98C

[Help Greg the Dwarf](#) · [Tutorial](#)

Quality: 347 global accepts · Rating: 2500 · first AC: 2011-08-15 · GNU C++ (first AC) · Tags: geometry, ternary search
[aropan's solution](#)

804.

95E

[Lucky Country](#) · [Tutorial](#)

Quality: 1,903 global accepts · Rating: 2500 · first AC: 2011-08-14 · GNU C++ (first AC) · Tags: dp, dsu, graphs
[aropan's solution](#)

805.

93C

[Azembler](#) · [Tutorial](#)

Quality: 450 global accepts · Rating: 2500 · first AC: 2011-06-30 · GNU C++ (first AC) · Tags: brute force, implementation
[aropan's solution](#)

806.

86C

[Genetic engineering](#) · [Tutorial](#)

Quality: 864 global accepts · Rating: 2500 · first AC: 2011-05-22 · GNU C++ (first AC) · Tags: dp, string suffix structures, trees
[aropan's solution](#)

807.

68D

[Half-decay tree](#) · [Tutorial](#)

Quality: 531 global accepts · Rating: 2500 · first AC: 2011-04-23 · GNU C++ (first AC) · Tags: data structures, divide and conquer, dp, math, probabilities

[aropan's solution](#)

808.

1515F

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

Quality: 2,076 global accepts · Rating: 2600 · first AC: 2021-05-02 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, dfs and similar, dsu, graphs, greedy, trees

[aropan's solution](#)

809.

1446D1

[Frequency Problem \(Easy Version\)](#) · [Tutorial](#)

Quality: 2,104 global accepts · Rating: 2600 · first AC: 2020-11-15 · C++17 (GCC 7-32) (first AC) · Tags: data structures, greedy

[aropan's solution](#)

810.

1375F

[Integer Game](#) · [Tutorial](#)

Quality: 2,510 global accepts · Rating: 2600 · first AC: 2020-07-04 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, games, interactive, math

[aropan's solution](#)

811.

1363F

[Rotating Substrings](#) · [Tutorial](#)

Quality: 1,736 global accepts · Rating: 2600 · first AC: 2020-05-31 · C++17 (GCC 7-32) (first AC) · Tags: dp, strings

[aropan's solution](#)

812.

1344C

[Quantifier Question](#) · [Tutorial](#)

Quality: 1,980 global accepts · Rating: 2600 · first AC: 2020-05-07 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, dp, graphs, math

[aropan's solution](#)

813.

1340D

[Nastya and Time Machine](#) · [Tutorial](#)

Quality: 1,071 global accepts · Rating: 2600 · first AC: 2020-04-23 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, dfs and similar, graphs, trees

[aropan's solution](#)

814.

1063D

[Candies for Children](#) · [Tutorial](#)

Quality: 472 global accepts · Rating: 2600 · first AC: 2018-10-14 · C++17 (GCC 7-32) (first AC) · Tags: brute force, math

[aropan's solution](#)

815.

755F

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

Quality: 1,863 global accepts · Rating: 2600 · first AC: 2017-01-15 · GNU C++11 (first AC) · Tags: bitmasks, dp, greedy

[aropan's solution](#)

816.

513D2

[Constrained Tree](#) · [Tutorial](#)

Quality: 398 global accepts · Rating: 2600 · first AC: 2015-02-07 · GNU C++0x (first AC) · Tags: constructive algorithms, data structures

[aropan's solution](#)

817.

380E

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

Quality: 351 global accepts · Rating: 2600 · first AC: 2014-01-15 · GNU C++ (first AC) · Tags: data structures
[aropan's solution](#)

818.

338E

[Optimize!](#) · [Tutorial](#)

Quality: 1,186 global accepts · Rating: 2600 · first AC: 2013-08-16 · GNU C++ (first AC) · Tags: data structures
[aropan's solution](#)

819.

325C

[Monsters and Diamonds](#) · [Tutorial](#)

Quality: 449 global accepts · Rating: 2600 · first AC: 2013-07-13 · GNU C++ (first AC) · Tags: dfs and similar, graphs, shortest paths
[aropan's solution](#)

820.

196E

[Opening Portals](#) · [Tutorial](#)

Quality: 1,204 global accepts · Rating: 2600 · first AC: 2012-06-12 · GNU C++ (first AC) · Tags: dsu, graphs, shortest paths
[aropan's solution](#)

821.

142D

[Help Shrek and Donkey 2](#) · [Tutorial](#)

Quality: 403 global accepts · Rating: 2600 · first AC: 2012-01-12 · GNU C++ (first AC) · Tags: games
[aropan's solution](#)

822.

93E

[Lostborn](#) · [Tutorial](#)

Quality: 540 global accepts · Rating: 2600 · first AC: 2011-06-30 · GNU C++ (first AC) · Tags: dp, math, number theory
[aropan's solution](#)

823.

85E

[Guard Towers](#) · [Tutorial](#)

Quality: 1,102 global accepts · Rating: 2600 · first AC: 2011-05-23 · GNU C++ (first AC) · Tags: binary search, dsu, geometry, graphs, sortings
[aropan's solution](#)

824.

67C

[Sequence of Balls](#) · [Tutorial](#)

Quality: 745 global accepts · Rating: 2600 · first AC: 2011-03-14 · GNU C++ (first AC) · Tags: dp
[aropan's solution](#)

825.

1422F

[Boring Queries](#) · [Tutorial](#)

Quality: 1,272 global accepts · Rating: 2700 · first AC: 2020-10-06 · C++17 (GCC 7-32) (first AC) · Tags: data structures, math, number theory
[aropan's solution](#)

826.

1422E

[Minlexes](#) · [Tutorial](#)

Quality: 855 global accepts · Rating: 2700 · first AC: 2020-10-06 · C++17 (GCC 7-32) (first AC) · Tags: dp, greedy, implementation, strings
[aropan's solution](#)

827.

1369F

[BareLee](#) · [Tutorial](#)

Quality: 716 global accepts · Rating: 2700 · first AC: 2020-06-26 · C++17 (GCC 9-64) (first AC) · Tags: dfs and similar, dp, games
[aropan's solution](#)

828.

1370F2

[The Hidden Pair \(Hard Version\)](#) · [Tutorial](#)

Quality: 1,669 global accepts · Rating: 2700 · first AC: 2020-06-20 · last AC: 2020-06-20 · C++17 (GCC 7-32) (first AC) · Tags: binary search, dfs and similar, graphs, interactive, shortest paths, trees

[aropan's solution](#)

829.

1364E

[X-OR](#) · [Tutorial](#)

Quality: 1,551 global accepts · Rating: 2700 · first AC: 2020-06-13 · last AC: 2020-06-14 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, constructive algorithms, divide and conquer, interactive, probabilities

[aropan's solution](#)

830.

1366F

[Jog Around The Graph](#) · [Tutorial](#)

Quality: 895 global accepts · Rating: 2700 · first AC: 2020-06-11 · C++17 (GCC 7-32) (first AC) · Tags: binary search, dp, geometry, graphs

[aropan's solution](#)

831.

1358F

[Tasty Cookie](#) · [Tutorial](#)

Quality: 502 global accepts · Rating: 2700 · first AC: 2020-05-26 · C++17 (GCC 7-32) (first AC) · Tags: binary search, constructive algorithms, greedy, implementation

[aropan's solution](#)

832.

1054F

[Electric Scheme](#) · [Tutorial](#)

Quality: 387 global accepts · Rating: 2700 · first AC: 2018-10-18 · C++17 (GCC 7-32) (first AC) · Tags: flows, graph matchings

[aropan's solution](#)

833.

477D

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

Quality: 593 global accepts · Rating: 2700 · first AC: 2014-10-12 · GNU C++ (first AC) · Tags: dp, strings

[aropan's solution](#)

834.

293B

[Distinct Paths](#) · [Tutorial](#)

Quality: 941 global accepts · Rating: 2700 · first AC: 2013-04-22 · GNU C++ (first AC) · Tags: brute force, combinatorics

[aropan's solution](#)

835.

62E

[World Evil](#) · [Tutorial](#)

Quality: 282 global accepts · Rating: 2700 · first AC: 2011-04-28 · GNU C++ (first AC) · Tags: dp, flows

[aropan's solution](#)

836.

76C

[Mutation](#) · [Tutorial](#)

Quality: 369 global accepts · Rating: 2700 · first AC: 2011-04-23 · last AC: 2011-04-23 · GNU C++ (first AC) · Tags: bitmasks, dp, math

[aropan's solution](#)

837.

1609F

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

Quality: 960 global accepts · Rating: 2800 · first AC: 2021-11-28 · C++17 (GCC 7-32) (first AC) · Tags: data structures, divide and conquer, meet-in-the-middle, two pointers

[aropan's solution](#)

838.

1371F

[Raging Thunder](#) · [Tutorial](#)

Quality: 691 global accepts · Rating: 2800 · first AC: 2020-07-01 · C++17 (GCC 7-32) (first AC) · Tags: data structures, divide and conquer, implementation

[aropan's solution](#)

839.

1361E

[James and the Chase](#) · [Tutorial](#)

Quality: 987 global accepts · Rating: 3000 · first AC: 2020-06-11 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, graphs, probabilities, trees

[aropan's solution](#)

840.

1340E

[Nastya and Bees](#) · [Tutorial](#)

Rating: 3000 · first AC: 2020-04-23 · last AC: 2020-04-24 · C++17 (GCC 7-32) (first AC) · Tags: *broken, graphs, interactive, probabilities

[aropan's solution](#)

841.

2077D

[Maximum Polygon](#) · [Tutorial](#)

Quality: 339 global accepts · Rating: 3100 · first AC: 2025-06-17 · C++20 (GCC 13-64) (first AC) · Tags: brute force, data structures, greedy, implementation, math

[aropan's solution](#)

842.

379G

[New Year Cactus](#) · [Tutorial](#)

Quality: 152 global accepts · Rating: 3100 · first AC: 2014-01-03 · GNU C++ (first AC) · Tags: dp

[aropan's solution](#)

843.

1483E

[Vabank](#) · [Tutorial](#)

Rating: 3200 · first AC: 2021-03-21 · C++17 (GCC 7-32) (first AC) · Tags: binary search, dp, interactive

[aropan's solution](#)

844.

1368G

[Shifting Dominoes](#) · [Tutorial](#)

Quality: 676 global accepts · Rating: 3200 · first AC: 2020-06-18 · C++17 (GCC 7-32) (first AC) · Tags: data structures, geometry, graphs, trees

[aropan's solution](#)

845.

106250E

[Mahjong Connect](#) · [Tutorial](#)

Rating: — · first AC: 2025-12-07 · last AC: 2025-12-07 · C++23 (GCC 14-64, msys2) (first AC) · Tags: —

[aropan's solution](#)

846.

1952A

[Are You a Robot, Again?](#) · [Tutorial](#)

Quality: 14,101 global accepts · Rating: — · first AC: 2024-04-01 · Python 3 (first AC) · Tags: *special, strings

[aropan's solution](#)

847.

1812B

[Was it Rated?](#) · [Tutorial](#)

Quality: 6,059 global accepts · Rating: — · first AC: 2023-04-01 · Python 3 (first AC) · Tags: *special, brute force, implementation

[aropan's solution](#)

848.

1812A

[Are You a Robot?](#) · [Tutorial](#)

Quality: 14,337 global accepts · Rating: — · first AC: 2023-04-01 · Python 3 (first AC) · Tags: *special, expression parsing, strings
[aropan's solution](#)

849.

1531D

[B 5CD0C#BCja@D45CÂ C,,=C45D Â 6öÆ÷](#)

Quality: 370 global accepts · Rating: — · first AC: 2021-05-30 · C++17 (GCC 7-32) (first AC) · Tags: *special
[aropan's solution](#)

850.

1531E3

[B >DBG,,@Cä2C#0 D ;C,,OCÔ8CT<](#)

Quality: 271 global accepts · Rating: — · first AC: 2021-05-30 · C++17 (GCC 7-32) (first AC) · Tags: *special, binary search
[aropan's solution](#)

851.

1531E2

[B >DBG,,@Cä2C#0 D ;C,,OCÔ8CT<](#)

Quality: 340 global accepts · Rating: — · first AC: 2021-05-30 · C++17 (GCC 7-32) (first AC) · Tags: *special, brute force
[aropan's solution](#)

852.

1531E1

[B >DBG,,@Cä2C#0 D ;C,,OCÔ8CT<](#)

Quality: 362 global accepts · Rating: — · first AC: 2021-05-30 · C++17 (GCC 7-32) (first AC) · Tags: *special
[aropan's solution](#)

853.

1531C

[B 8CÄ<CTBD 8Dt=D'9 C <DD8D\\$5C BD](#)

Quality: 659 global accepts · Rating: — · first AC: 2021-05-30 · C++17 (GCC 7-32) (first AC) · Tags: *special, constructive algorithms, dp
[aropan's solution](#)

854.

1531B2

[AÄ#CÔ8D\\$>D 8CÔ3](#)

Quality: 796 global accepts · Rating: — · first AC: 2021-05-30 · C++17 (GCC 7-32) (first AC) · Tags: *special
[aropan's solution](#)

855.

1531B1

[AÄ#CÔ8D\\$>D 8CÔ3](#)

Quality: 1,157 global accepts · Rating: — · first AC: 2021-05-30 · C++17 (GCC 7-32) (first AC) · Tags: *special
[aropan's solution](#)

856.

1531A

[At8CÔ3CT@|color](#)

Quality: 1,483 global accepts · Rating: — · first AC: 2021-05-30 · C++17 (GCC 7-32) (first AC) · Tags: *special, implementation
[aropan's solution](#)

857.

1275D

[Storage2 · Tutorial](#)

Quality: 422 global accepts · Rating: — · first AC: 2019-12-16 · C++17 (GCC 7-32) (first AC) · Tags: *special
[aropan's solution](#)

858.

1275C

[#define At0CDD10B ...](#)

Quality: 698 global accepts · Rating: — · first AC: 2019-12-16 · C++17 (GCC 7-32) (first AC) · Tags: *special
[aropan's solution](#)

859.

1275B

[Code Review · Tutorial](#)

Quality: 844 global accepts · Rating: — · first AC: 2019-12-16 · C++17 (GCC 7-32) (first AC) · Tags: *special

[aropan's solution](#)

860.

1275A

[B 7DKD\\$KC' 4D CC0](#)

Quality: 891 global accepts · Rating: — · first AC: 2019-12-16 · C++17 (GCC 7-32) (first AC) · Tags: *special

[aropan's solution](#)

861.

101128E

[Wooden Signs](#) · Tutorial

Rating: — · first AC: 2017-02-19 · last AC: 2017-02-22 · C++14 (GCC 6-32) (first AC) · Tags: —

[aropan's solution](#)

862.

100523J

[Cave](#) · Tutorial

Rating: — · first AC: 2014-10-30 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

863.

100132H

[B BD00Ô=D'9 C4>D >C@](#)

Rating: — · first AC: 2012-12-05 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

864.

100132D

[A 5D *C ô>D 0CD:C€](#)

Rating: — · first AC: 2012-12-05 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

865.

100132E

[A 70dGT<C,,O AD6CT4C 5C](#)

Rating: — · first AC: 2012-12-05 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

866.

100132K

[A\\$0CÄC,,@D :C,,5 Dt8D ;C](#)

Rating: — · first AC: 2012-12-05 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

867.

100132B

[B70CäB,,GCTAC=0Dò ?CT@CTAD\\$0CÔ>C\\$:C](#)

Rating: — · first AC: 2012-12-05 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

868.

100132I

[AD70rCÔKC' ?C,,BCä=](#)

Rating: — · first AC: 2012-12-05 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

869.

100132G

[B\\$CöD" :CäBCä2](#)

Rating: — · first AC: 2012-12-05 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)

870.

100132A

[B 50r0 <CÔKC' IC,,B](#)

Rating: — · first AC: 2012-12-05 · GNU C++ (first AC) · Tags: —

[aropan's solution](#)