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1672C

[Unequal Array](#) · [Tutorial](#)

Quality: 14,035 global accepts · Rating: 1100 · first AC: 2022-04-23 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, greedy, implementation

[slenbol's solution](#)

103.

1656B

[Subtract Operation](#) · [Tutorial](#)

Quality: 26,805 global accepts · Rating: 1100 · first AC: 2022-03-24 · C++20 (GCC 11-64) (first AC) · Tags: data structures, greedy, math, two pointers

[slenbol's solution](#)

104.

1638B

[Odd Swap Sort](#) · [Tutorial](#)

Quality: 22,546 global accepts · Rating: 1100 · first AC: 2022-02-14 · C++14 (GCC 6-32) (first AC) · Tags: data structures, math, sortings

[slenbol's solution](#)

105.

1637B

[MEX and Array](#) · [Tutorial](#)

Quality: 15,457 global accepts · Rating: 1100 · first AC: 2022-02-13 · C++14 (GCC 6-32) (first AC) · Tags: brute force, dp, greedy, math

[slenbol's solution](#)

106.

1633C

[Kill the Monster](#) · [Tutorial](#)

Quality: 21,255 global accepts · Rating: 1100 · first AC: 2022-02-04 · C++14 (GCC 6-32) (first AC) · Tags: brute force, math
[slenbol's solution](#)

107.

1631B

[Fun with Even Subarrays](#) · [Tutorial](#)

Quality: 26,893 global accepts · Rating: 1100 · first AC: 2022-01-27 · C++14 (GCC 6-32) (first AC) · Tags: dp, greedy
[slenbol's solution](#)

108.

1626B

[Minor Reduction](#) · [Tutorial](#)

Quality: 23,935 global accepts · Rating: 1100 · first AC: 2022-01-16 · C++14 (GCC 6-32) (first AC) · Tags: greedy, strings
[slenbol's solution](#)

109.

1625B

[Elementary Particles](#) · [Tutorial](#)

Quality: 16,858 global accepts · Rating: 1100 · first AC: 2022-01-12 · C++14 (GCC 6-32) (first AC) · Tags: brute force, greedy, sortings
[slenbol's solution](#)

110.

1623B

[Game on Ranges](#) · [Tutorial](#)

Quality: 14,665 global accepts · Rating: 1100 · first AC: 2021-12-28 · C++14 (GCC 6-32) (first AC) · Tags: brute force, dfs and similar, implementation, sortings
[slenbol's solution](#)

111.

1594B

[Special Numbers](#) · [Tutorial](#)

Quality: 22,136 global accepts · Rating: 1100 · first AC: 2021-10-08 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, math
[slenbol's solution](#)

112.

2119B

[Line Segments](#) · [Tutorial](#)

Quality: 18,304 global accepts · Rating: 1200 · first AC: 2025-07-20 · C++20 (GCC 13-64) (first AC) · Tags: geometry, greedy, math
[slenbol's solution](#)

113.

1874A

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

Quality: 19,387 global accepts · Rating: 1200 · first AC: 2023-09-30 · C++14 (GCC 6-32) (first AC) · Tags: brute force, games, greedy, implementation
[slenbol's solution](#)

114.

1870B

[Friendly Arrays](#) · [Tutorial](#)

Quality: 16,108 global accepts · Rating: 1200 · first AC: 2023-09-18 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, greedy, math
[slenbol's solution](#)

115.

1738B

[Prefix Sum Addicts](#) · [Tutorial](#)

Quality: 18,791 global accepts · Rating: 1200 · first AC: 2022-09-30 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, greedy, math, sortings
[slenbol's solution](#)

116.

1730C

[Minimum Notation](#) · [Tutorial](#)

Quality: 17,937 global accepts · Rating: 1200 · first AC: 2022-09-25 · C++20 (GCC 11-64) (first AC) · Tags: data structures, greedy, math, sortings

[slenbol's solution](#)

117.

1681C

[Double Sort](#) · [Tutorial](#)

Quality: 18,731 global accepts · Rating: 1200 · first AC: 2022-05-25 · C++20 (GCC 11-64) (first AC) · Tags: implementation, sortings

[slenbol's solution](#)

118.

1671C

[Dolce Vita](#) · [Tutorial](#)

Quality: 25,386 global accepts · Rating: 1200 · first AC: 2022-04-22 · C++17 (GCC 9-64) (first AC) · Tags: binary search, brute force, greedy, math

[slenbol's solution](#)

119.

1656C

[Make Equal With Mod](#) · [Tutorial](#)

Quality: 21,005 global accepts · Rating: 1200 · first AC: 2022-03-24 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, math, number theory, sortings

[slenbol's solution](#)

120.

1657C

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

Quality: 17,683 global accepts · Rating: 1200 · first AC: 2022-03-23 · C++20 (GCC 11-64) (first AC) · Tags: greedy, implementation

[slenbol's solution](#)

121.

1647B

[Madoka and the Elegant Gift](#) · [Tutorial](#)

Quality: 17,124 global accepts · Rating: 1200 · first AC: 2022-03-11 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, graphs, implementation

[slenbol's solution](#)

122.

1642C

[Great Sequence](#) · [Tutorial](#)

Rating: 1200 · first AC: 2022-02-23 · C++14 (GCC 6-32) (first AC) · Tags: greedy, sortings

[slenbol's solution](#)

123.

1635C

[Differential Sorting](#) · [Tutorial](#)

Quality: 25,130 global accepts · Rating: 1200 · first AC: 2022-02-20 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy

[slenbol's solution](#)

124.

1637C

[Andrew and Stones](#) · [Tutorial](#)

Quality: 18,744 global accepts · Rating: 1200 · first AC: 2022-02-13 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation

[slenbol's solution](#)

125.

1613C

[Poisoned Dagger](#) · [Tutorial](#)

Quality: 29,711 global accepts · Rating: 1200 · first AC: 2021-12-02 · C++14 (GCC 6-32) (first AC) · Tags: binary search

[slenbol's solution](#)

126.

1598C

[Delete Two Elements](#) · [Tutorial](#)

Quality: 23,654 global accepts · Rating: 1200 · first AC: 2021-10-11 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dp, implementation, math, two pointers

[slenbol's solution](#)

127.

1594C

[Make Them Equal](#) · [Tutorial](#)

Quality: 28,336 global accepts · Rating: 1200 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: brute force, greedy, math, strings

[slenbol's solution](#)

128.

2119C

[A Good Problem](#) · [Tutorial](#)

Quality: 16,302 global accepts · Rating: 1300 · first AC: 2025-07-20 · C++20 (GCC 13-64) (first AC) · Tags: bitmasks, constructive algorithms, math

[slenbol's solution](#)

129.

1889A

[Qingshan Loves Strings 2](#) · [Tutorial](#)

Quality: 15,322 global accepts · Rating: 1300 · first AC: 2023-10-28 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, greedy, implementation

[slenbol's solution](#)

130.

1870C

[Colorful Table](#) · [Tutorial](#)

Quality: 13,113 global accepts · Rating: 1300 · first AC: 2023-09-18 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures, dp, implementation, math, two pointers

[slenbol's solution](#)

131.

1868A

[Fill in the Matrix](#) · [Tutorial](#)

Quality: 13,613 global accepts · Rating: 1300 · first AC: 2023-09-11 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, implementation

[slenbol's solution](#)

132.

1864C

[Divisor Chain](#) · [Tutorial](#)

Quality: 15,282 global accepts · Rating: 1300 · first AC: 2023-08-27 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, constructive algorithms, math, number theory

[slenbol's solution](#)

133.

1746C

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

Quality: 14,100 global accepts · Rating: 1300 · first AC: 2022-10-15 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, greedy, implementation, math

[slenbol's solution](#)

134.

1737B

[Ela's Fitness and the Luxury Number](#) · [Tutorial](#)

Quality: 10,185 global accepts · Rating: 1300 · first AC: 2022-10-07 · C++20 (GCC 11-64) (first AC) · Tags: binary search, implementation, math

[slenbol's solution](#)

135.

1726C

[Jatayu's Balanced Bracket Sequence](#) · [Tutorial](#)

Quality: 13,398 global accepts · Rating: 1300 · first AC: 2022-09-06 · C++20 (GCC 11-64) (first AC) · Tags: data structures, dsu, graphs, greedy

[slenbol's solution](#)

136.

1693A

[Directional Increase](#) · [Tutorial](#)

Quality: 17,437 global accepts · Rating: 1300 · first AC: 2022-06-16 · C++17 (GCC 7-32) (first AC) · Tags: greedy

[slenbol's solution](#)

137.

1667A

[Make it Increasing](#) · [Tutorial](#)

Quality: 15,684 global accepts · Rating: 1300 · first AC: 2022-04-20 · C++17 (GCC 9-64) (first AC) · Tags: brute force, greedy, math

[slenbol's solution](#)

138.

1661B

[Getting Zero](#) · [Tutorial](#)

Quality: 20,687 global accepts · Rating: 1300 · first AC: 2022-04-09 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, brute force, dfs and similar, dp, graphs, greedy, shortest paths

[slenbol's solution](#)

139.

1647C

[Madoka and Childish Pranks](#) · [Tutorial](#)

Quality: 13,331 global accepts · Rating: 1300 · first AC: 2022-03-11 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy

[slenbol's solution](#)

140.

1649B

[Game of Ball Passing](#) · [Tutorial](#)

Quality: 13,959 global accepts · Rating: 1300 · first AC: 2022-03-06 · C++14 (GCC 6-32) (first AC) · Tags: greedy, implementation

[slenbol's solution](#)

141.

1638C

[Inversion Graph](#) · [Tutorial](#)

Quality: 15,942 global accepts · Rating: 1300 · first AC: 2022-02-14 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dsu, graphs, math

[slenbol's solution](#)

142.

1627B

[Not Sitting](#) · [Tutorial](#)

Quality: 17,565 global accepts · Rating: 1300 · first AC: 2022-01-15 · C++14 (GCC 6-32) (first AC) · Tags: games, greedy, sortings

[slenbol's solution](#)

143.

1612C

[Chat Ban](#) · [Tutorial](#)

Quality: 25,806 global accepts · Rating: 1300 · first AC: 2021-11-22 · C++14 (GCC 6-32) (first AC) · Tags: binary search, math

[slenbol's solution](#)

144.

1594E1

[Rubik's Cube Coloring \(easy version\)](#) · [Tutorial](#)

Quality: 12,196 global accepts · Rating: 1300 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, math

[slenbol's solution](#)

145.

1896C

[Matching Arrays](#) · [Tutorial](#)

Quality: 11,598 global accepts · Rating: 1400 · first AC: 2023-11-25 · C++20 (GCC 11-64) (first AC) · Tags: binary search, constructive algorithms, greedy, sortings

[slenbol's solution](#)

146.

1887A1

[Dances \(Easy version\)](#) · [Tutorial](#)

Rating: 1400 · first AC: 2023-10-22 · C++17 (GCC 9-64) (first AC) · Tags: binary search, greedy, sortings

[slenbol's solution](#)

147.

1866B

[Battling with Numbers](#) · [Tutorial](#)

Quality: 9,180 global accepts · Rating: 1400 · first AC: 2023-09-03 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, math, number theory
[slenbol's solution](#)

148.

1721C

[Min-Max Array Transformation](#) · [Tutorial](#)

Quality: 14,557 global accepts · Rating: 1400 · first AC: 2022-08-27 · C++20 (GCC 11-64) (first AC) · Tags: binary search, greedy, two pointers
[slenbol's solution](#)

149.

1701C

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

Quality: 23,840 global accepts · Rating: 1400 · first AC: 2022-07-08 · C++20 (GCC 11-64) (first AC) · Tags: binary search, greedy, implementation, two pointers
[slenbol's solution](#)

150.

1696C

[Fishingprince Plays With Array](#) · [Tutorial](#)

Quality: 12,585 global accepts · Rating: 1400 · first AC: 2022-06-25 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, greedy, implementation, math
[slenbol's solution](#)

151.

1697C

[awoo's Favorite Problem](#) · [Tutorial](#)

Quality: 15,800 global accepts · Rating: 1400 · first AC: 2022-06-14 · C++17 (GCC 7-32) (first AC) · Tags: binary search, constructive algorithms, data structures, greedy, implementation, strings, two pointers
[slenbol's solution](#)

152.

1691C

[Sum of Substrings](#) · [Tutorial](#)

Quality: 17,221 global accepts · Rating: 1400 · first AC: 2022-06-01 · C++17 (GCC 7-32) (first AC) · Tags: brute force, constructive algorithms, greedy, math, strings
[slenbol's solution](#)

153.

1684C

[Column Swapping](#) · [Tutorial](#)

Quality: 13,270 global accepts · Rating: 1400 · first AC: 2022-05-19 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, greedy, implementation, sortings
[slenbol's solution](#)

154.

1670C

[Where is the Pizza?](#) · [Tutorial](#)

Quality: 10,992 global accepts · Rating: 1400 · first AC: 2022-05-06 · C++17 (GCC 9-64) (first AC) · Tags: data structures, dfs and similar, dsu, graphs, implementation, math
[slenbol's solution](#)

155.

1654C

[Alice and the Cake](#) · [Tutorial](#)

Quality: 14,527 global accepts · Rating: 1400 · first AC: 2022-03-20 · C++14 (GCC 6-32) (first AC) · Tags: data structures, greedy, implementation, sortings
[slenbol's solution](#)

156.

1649C

[Weird Sum](#) · [Tutorial](#)

Rating: 1400 · first AC: 2022-03-06 · C++14 (GCC 6-32) (first AC) · Tags: brute force, implementation, math, matrices
[slenbol's solution](#)

157.

1644C

[Increase Subarray Sums](#) · [Tutorial](#)

Quality: 15,002 global accepts · Rating: 1400 · first AC: 2022-02-22 · C++14 (GCC 6-32) (first AC) · Tags: brute force, dp, greedy, implementation

[slenbol's solution](#)

158.

1634B

[Fortune Telling](#) · [Tutorial](#)

Quality: 22,300 global accepts · Rating: 1400 · first AC: 2022-02-06 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, math

[slenbol's solution](#)

159.

1629C

[Meximum Array](#) · [Tutorial](#)

Rating: 1400 · first AC: 2022-01-22 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, data structures, greedy, math, two pointers

[slenbol's solution](#)

160.

1627C

[Not Assigning](#) · [Tutorial](#)

Quality: 16,241 global accepts · Rating: 1400 · first AC: 2022-01-15 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, dfs and similar, number theory, trees

[slenbol's solution](#)

161.

1605C

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

Quality: 18,855 global accepts · Rating: 1400 · first AC: 2021-11-12 · C++14 (GCC 6-32) (first AC) · Tags: brute force, greedy, implementation, strings

[slenbol's solution](#)

162.

1551B2

[Wonderful Coloring - 2](#) · [Tutorial](#)

Quality: 16,664 global accepts · Rating: 1400 · first AC: 2021-07-24 · GNU C++11 (first AC) · Tags: binary search, constructive algorithms, data structures, greedy

[slenbol's solution](#)

163.

1876B

[Effects of Anti Pimples](#) · [Tutorial](#)

Quality: 10,028 global accepts · Rating: 1500 · first AC: 2023-10-08 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, number theory, sortings

[slenbol's solution](#)

164.

1817A

[Almost Increasing Subsequence](#) · [Tutorial](#)

Quality: 12,756 global accepts · Rating: 1500 · first AC: 2023-05-02 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures, greedy

[slenbol's solution](#)

165.

1737C

[Ela and Crickets](#) · [Tutorial](#)

Quality: 6,414 global accepts · Rating: 1500 · first AC: 2022-10-07 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, games, implementation, math

[slenbol's solution](#)

166.

1738C

[Even Number Addicts](#) · [Tutorial](#)

Quality: 12,773 global accepts · Rating: 1500 · first AC: 2022-09-30 · C++20 (GCC 11-64) (first AC) · Tags: dp, games, greedy, math

[slenbol's solution](#)

167.

1710A

[Color the Picture](#) · [Tutorial](#)

Quality: 11,910 global accepts · Rating: 1500 · first AC: 2022-07-24 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, greedy, math

[slenbol's solution](#)

168.

1673C

[Palindrome Basis](#) · [Tutorial](#)

Quality: 18,009 global accepts · Rating: 1500 · first AC: 2022-04-30 · C++17 (GCC 9-64) (first AC) · Tags: brute force, dp, math, number theory

[slenbol's solution](#)

169.

1651C

[Fault-tolerant Network](#) · [Tutorial](#)

Quality: 11,583 global accepts · Rating: 1500 · first AC: 2022-03-10 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures, implementation

[slenbol's solution](#)

170.

1631C

[And Matching](#) · [Tutorial](#)

Rating: 1500 · first AC: 2022-01-27 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, constructive algorithms

[slenbol's solution](#)

171.

1621B

[Integers Shop](#) · [Tutorial](#)

Quality: 14,552 global accepts · Rating: 1500 · first AC: 2022-01-03 · C++14 (GCC 6-32) (first AC) · Tags: data structures, greedy, implementation

[slenbol's solution](#)

172.

696A

[Lorenzo Von Matterhorn](#) · [Tutorial](#)

Quality: 6,458 global accepts · Rating: 1500 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures, implementation, trees

[slenbol's solution](#)

173.

1801A

[The Very Beautiful Blanket](#) · [Tutorial](#)

Quality: 9,747 global accepts · Rating: 1600 · first AC: 2023-03-09 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, constructive algorithms

[slenbol's solution](#)

174.

1787C

[Remove the Bracket](#) · [Tutorial](#)

Quality: 8,273 global accepts · Rating: 1600 · first AC: 2023-01-30 · C++17 (GCC 9-64) (first AC) · Tags: dp, greedy, math

[slenbol's solution](#)

175.

1707A

[Doremy's IQ](#) · [Tutorial](#)

Quality: 15,445 global accepts · Rating: 1600 · first AC: 2022-07-16 · C++20 (GCC 11-64) (first AC) · Tags: binary search, constructive algorithms, greedy, implementation

[slenbol's solution](#)

176.

1698D

[Fixed Point Guessing](#) · [Tutorial](#)

Quality: 12,084 global accepts · Rating: 1600 · first AC: 2022-06-28 · C++17 (GCC 9-64) (first AC) · Tags: binary search, constructive algorithms, interactive

[slenbol's solution](#)

177.

1677A

[Tokitsukaze and Strange Inequality](#) · [Tutorial](#)

Quality: 9,355 global accepts · Rating: 1600 · first AC: 2022-05-08 · C++17 (GCC 9-64) (first AC) · Tags: brute force, data structures, dp
[slenbol's solution](#)

178.

1671D

[Insert a Progression](#) · [Tutorial](#)

Quality: 8,459 global accepts · Rating: 1600 · first AC: 2022-04-22 · C++17 (GCC 9-64) (first AC) · Tags: brute force, constructive algorithms, greedy

[slenbol's solution](#)

179.

1665C

[Tree Infection](#) · [Tutorial](#)

Quality: 9,862 global accepts · Rating: 1600 · first AC: 2022-04-08 · C++20 (GCC 11-64) (first AC) · Tags: binary search, greedy, sortings, trees

[slenbol's solution](#)

180.

1658D1

[388535 \(Easy Version\)](#) · [Tutorial](#)

Quality: 10,004 global accepts · Rating: 1600 · first AC: 2022-03-27 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, math

[slenbol's solution](#)

181.

1633D

[Make Them Equal](#) · [Tutorial](#)

Quality: 18,698 global accepts · Rating: 1600 · first AC: 2022-02-04 · C++14 (GCC 6-32) (first AC) · Tags: dp, greedy

[slenbol's solution](#)

182.

1623C

[Balanced Stone Heaps](#) · [Tutorial](#)

Quality: 14,313 global accepts · Rating: 1600 · first AC: 2021-12-29 · C++14 (GCC 6-32) (first AC) · Tags: binary search, greedy

[slenbol's solution](#)

183.

1622C

[Set or Decrease](#) · [Tutorial](#)

Quality: 15,541 global accepts · Rating: 1600 · first AC: 2021-12-27 · C++14 (GCC 6-32) (first AC) · Tags: binary search, brute force, greedy, sortings

[slenbol's solution](#)

184.

1609D

[Social Network](#) · [Tutorial](#)

Quality: 8,399 global accepts · Rating: 1600 · first AC: 2021-12-08 · C++14 (GCC 6-32) (first AC) · Tags: dsu, graphs, greedy, implementation, trees

[slenbol's solution](#)

185.

1612D

[X-Magic Pair](#) · [Tutorial](#)

Quality: 10,263 global accepts · Rating: 1600 · first AC: 2021-11-24 · C++14 (GCC 6-32) (first AC) · Tags: math, number theory

[slenbol's solution](#)

186.

1526C2

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

Quality: 29,731 global accepts · Rating: 1600 · first AC: 2021-10-10 · C++14 (GCC 6-32) (first AC) · Tags: data structures, greedy

[slenbol's solution](#)

187.

1896D

[Ones and Twos](#) · [Tutorial](#)

Quality: 7,005 global accepts · Rating: 1700 · first AC: 2023-11-25 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures, divide and conquer, math, two pointers

[slenbol's solution](#)

188.

1889B

[Doremy's Connecting Plan](#) · [Tutorial](#)

Quality: 8,628 global accepts · Rating: 1700 · first AC: 2023-10-28 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, greedy, math, sortings

[slenbol's solution](#)

189.

1868B1

[Candy Party \(Easy Version\)](#) · [Tutorial](#)

Quality: 8,325 global accepts · Rating: 1700 · first AC: 2023-09-11 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, constructive algorithms, graphs, greedy, implementation, math

[slenbol's solution](#)

190.

1864D

[Matrix Cascade](#) · [Tutorial](#)

Quality: 7,639 global accepts · Rating: 1700 · first AC: 2023-08-27 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, data structures, dp, greedy, math

[slenbol's solution](#)

191.

1715C

[Monoblock](#) · [Tutorial](#)

Quality: 10,375 global accepts · Rating: 1700 · first AC: 2022-08-20 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, data structures, implementation, math

[slenbol's solution](#)

192.

1709D

[Rororobot](#) · [Tutorial](#)

Quality: 10,210 global accepts · Rating: 1700 · first AC: 2022-07-21 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures, greedy, math

[slenbol's solution](#)

193.

1695C

[Zero Path](#) · [Tutorial](#)

Quality: 14,053 global accepts · Rating: 1700 · first AC: 2022-06-18 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, dp, graphs, greedy, shortest paths

[slenbol's solution](#)

194.

1693B

[Fake Plastic Trees](#) · [Tutorial](#)

Quality: 9,582 global accepts · Rating: 1700 · first AC: 2022-06-16 · C++17 (GCC 7-32) (first AC) · Tags: dfs and similar, dp, greedy, trees

[slenbol's solution](#)

195.

1681D

[Required Length](#) · [Tutorial](#)

Quality: 10,753 global accepts · Rating: 1700 · first AC: 2022-05-25 · C++17 (GCC 7-32) (first AC) · Tags: brute force, dfs and similar, dp, hashing, shortest paths

[slenbol's solution](#)

196.

1684D

[Traps](#) · [Tutorial](#)

Quality: 10,753 global accepts · Rating: 1700 · first AC: 2022-05-20 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy, sortings

[slenbol's solution](#)

197.

1677B

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

Quality: 4,550 global accepts · Rating: 1700 · first AC: 2022-05-08 · C++17 (GCC 9-64) (first AC) · Tags: data structures, implementation, math

[slenbol's solution](#)

198.

1670D

[Very Suspicious](#) · [Tutorial](#)

Quality: 5,655 global accepts · Rating: 1700 · first AC: 2022-05-06 · C++17 (GCC 9-64) (first AC) · Tags: binary search, brute force, geometry, greedy, implementation, math

[slenbol's solution](#)

199.

1672D

[Cyclic Rotation](#) · [Tutorial](#)

Quality: 6,939 global accepts · Rating: 1700 · first AC: 2022-04-23 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, greedy, implementation, two pointers

[slenbol's solution](#)

200.

1661C

[Water the Trees](#) · [Tutorial](#)

Quality: 10,538 global accepts · Rating: 1700 · first AC: 2022-04-09 · C++20 (GCC 11-64) (first AC) · Tags: binary search, greedy, math

[slenbol's solution](#)

201.

1658C

[Shinju and the Lost Permutation](#) · [Tutorial](#)

Quality: 9,944 global accepts · Rating: 1700 · first AC: 2022-03-27 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, math

[slenbol's solution](#)

202.

1644D

[Cross Coloring](#) · [Tutorial](#)

Quality: 7,878 global accepts · Rating: 1700 · first AC: 2022-02-22 · C++14 (GCC 6-32) (first AC) · Tags: data structures, implementation, math

[slenbol's solution](#)

203.

1629D

[Peculiar Movie Preferences](#) · [Tutorial](#)

Rating: 1700 · first AC: 2022-01-22 · C++14 (GCC 6-32) (first AC) · Tags: greedy, strings

[slenbol's solution](#)

204.

1626C

[Monsters And Spells](#) · [Tutorial](#)

Quality: 11,809 global accepts · Rating: 1700 · first AC: 2022-01-16 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, dp, greedy, implementation, math, two pointers

[slenbol's solution](#)

205.

1625C

[Road Optimization](#) · [Tutorial](#)

Quality: 13,286 global accepts · Rating: 1700 · first AC: 2022-01-12 · C++14 (GCC 6-32) (first AC) · Tags: dp

[slenbol's solution](#)

206.

1621C

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

Quality: 7,508 global accepts · Rating: 1700 · first AC: 2022-01-03 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, interactive, math

[slenbol's solution](#)

207.

1618E

[Singers' Tour](#) · [Tutorial](#)

Quality: 7,790 global accepts · Rating: 1700 · first AC: 2021-12-23 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, math

[slenbol's solution](#)

208.

1608C

[Game Master](#) · [Tutorial](#)

Quality: 7,370 global accepts · Rating: 1700 · first AC: 2021-12-23 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dfs and similar, dp, graphs, greedy, two pointers

[slenbol's solution](#)

209.

1598D

[Training Session](#) · [Tutorial](#)

Quality: 10,485 global accepts · Rating: 1700 · first AC: 2021-10-11 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, data structures, geometry, implementation, math

[slenbol's solution](#)

210.

1594D

[The Number of Imposters](#) · [Tutorial](#)

Quality: 9,396 global accepts · Rating: 1700 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, dfs and similar, dp, dsu, graphs

[slenbol's solution](#)

211.

1870D

[Prefix Purchase](#) · [Tutorial](#)

Quality: 8,031 global accepts · Rating: 1800 · first AC: 2023-09-18 · C++20 (GCC 11-64) (first AC) · Tags: greedy, implementation, sortings

[slenbol's solution](#)

212.

1801B

[Buying gifts](#) · [Tutorial](#)

Quality: 7,546 global accepts · Rating: 1800 · first AC: 2023-03-09 · C++20 (GCC 11-64) (first AC) · Tags: data structures, greedy, sortings

[slenbol's solution](#)

213.

724C

[Ray Tracing](#) · [Tutorial](#)

Quality: 2,281 global accepts · Rating: 1800 · first AC: 2023-02-21 · C++14 (GCC 6-32) (first AC) · Tags: greedy, hashing, implementation, math, number theory, sortings

[slenbol's solution](#)

214.

1782D

[Many Perfect Squares](#) · [Tutorial](#)

Rating: 1800 · first AC: 2023-01-17 · C++17 (GCC 9-64) (first AC) · Tags: brute force, dp, math, number theory

[slenbol's solution](#)

215.

1734D

[Slime Escape](#) · [Tutorial](#)

Quality: 7,051 global accepts · Rating: 1800 · first AC: 2022-09-23 · C++20 (GCC 11-64) (first AC) · Tags: data structures, dp, greedy, two pointers

[slenbol's solution](#)

216.

1721D

[Maximum AND](#) · [Tutorial](#)

Quality: 7,680 global accepts · Rating: 1800 · first AC: 2022-08-27 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, dfs and similar, divide and conquer, greedy, sortings

[slenbol's solution](#)

217.

1718A1

[Burenka and Traditions \(easy version\)](#) · [Tutorial](#)

Quality: 6,418 global accepts · Rating: 1800 · first AC: 2022-08-16 · C++20 (GCC 11-64) (first AC) · Tags: dp, greedy

[slenbol's solution](#)

218.

1709C

[Recover an RBS](#) · [Tutorial](#)

Quality: 10,274 global accepts · Rating: 1800 · first AC: 2022-07-21 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, greedy, implementation, strings

[slenbol's solution](#)

219.

1705D

[Mark and Lightbulbs](#) · [Tutorial](#)

Quality: 7,156 global accepts · Rating: 1800 · first AC: 2022-07-15 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, constructive algorithms, greedy, math, sortings

[slenbol's solution](#)

220.

1691D

[Max GEQ Sum](#) · [Tutorial](#)

Quality: 7,488 global accepts · Rating: 1800 · first AC: 2022-06-01 · C++17 (GCC 7-32) (first AC) · Tags: binary search, constructive algorithms, data structures, divide and conquer, implementation, two pointers

[slenbol's solution](#)

221.

1649D

[Integral Array](#) · [Tutorial](#)

Rating: 1800 · first AC: 2022-03-06 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, math, sortings

[slenbol's solution](#)

222.

1635D

[Infinite Set](#) · [Tutorial](#)

Quality: 7,052 global accepts · Rating: 1800 · first AC: 2022-02-20 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, dp, math, matrices, number theory, strings

[slenbol's solution](#)

223.

1637D

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

Quality: 8,921 global accepts · Rating: 1800 · first AC: 2022-02-13 · C++14 (GCC 6-32) (first AC) · Tags: dp, greedy, math

[slenbol's solution](#)

224.

1631D

[Range and Partition](#) · [Tutorial](#)

Rating: 1800 · first AC: 2022-02-08 · C++14 (GCC 6-32) (first AC) · Tags: binary search, constructive algorithms, greedy, two pointers

[slenbol's solution](#)

225.

220B

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

Quality: 12,883 global accepts · Rating: 1800 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, data structures

[slenbol's solution](#)

226.

1909D

[Split Plus K](#) · [Tutorial](#)

Quality: 5,124 global accepts · Rating: 1900 · first AC: 2023-12-24 · C++14 (GCC 6-32) (first AC) · Tags: greedy, math, number theory

[slenbol's solution](#)

227.

1887B

[Time Travel](#) · [Tutorial](#)

Quality: 3,903 global accepts · Rating: 1900 · first AC: 2023-10-22 · C++17 (GCC 9-64) (first AC) · Tags: binary search, graphs, shortest paths

[slenbol's solution](#)

228.

1887A2

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

Rating: 1900 · first AC: 2023-10-22 · C++17 (GCC 9-64) (first AC) · Tags: binary search, greedy, implementation, sortings

[slenbol's solution](#)

229.

1866C

[Completely Searching for Inversions](#) · [Tutorial](#)

Quality: 3,430 global accepts · Rating: 1900 · first AC: 2023-09-03 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, dp, graphs

[slenbol's solution](#)

230.

1801C

[Music Festival](#) · [Tutorial](#)

Quality: 4,102 global accepts · Rating: 1900 · first AC: 2023-03-09 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures, dp, greedy, sortings

[slenbol's solution](#)

231.

1785B

[Letter Exchange](#) · [Tutorial](#)

Rating: 1900 · first AC: 2023-02-05 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, graphs, greedy, implementation

[slenbol's solution](#)

232.

1787D

[Game on Axis](#) · [Tutorial](#)

Quality: 3,814 global accepts · Rating: 1900 · first AC: 2023-01-30 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, dfs and similar, dsu, graphs, implementation

[slenbol's solution](#)

233.

1738D

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

Quality: 3,746 global accepts · Rating: 1900 · first AC: 2022-09-30 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, data structures, dfs and similar, dsu, graphs, trees

[slenbol's solution](#)

234.

1746D

[Paths on the Tree](#) · [Tutorial](#)

Quality: 5,115 global accepts · Rating: 1900 · first AC: 2022-10-15 · C++20 (GCC 11-64) (first AC) · Tags: dfs and similar, dp, greedy, sortings, trees

[slenbol's solution](#)

235.

1715D

[2+ doors](#) · [Tutorial](#)

Quality: 6,086 global accepts · Rating: 1900 · first AC: 2022-08-20 · C++20 (GCC 11-64) (first AC) · Tags: 2-sat, bitmasks, graphs, greedy

[slenbol's solution](#)

236.

1718A2

[Burenka and Traditions \(hard version\)](#) · [Tutorial](#)

Quality: 5,911 global accepts · Rating: 1900 · first AC: 2022-08-16 · C++20 (GCC 11-64) (first AC) · Tags: data structures, dp, greedy

[slenbol's solution](#)

237.

1707B

[Difference Array](#) · [Tutorial](#)

Quality: 6,401 global accepts · Rating: 1900 · first AC: 2022-07-16 · C++20 (GCC 11-64) (first AC) · Tags: brute force, data structures, implementation, sortings

[slenbol's solution](#)

238.

1701D

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

Quality: 6,269 global accepts · Rating: 1900 · first AC: 2022-07-08 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures, greedy, math, sortings, two pointers

[slenbol's solution](#)

239.

1696D

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

Quality: 6,014 global accepts · Rating: 1900 · first AC: 2022-06-25 · C++17 (GCC 9-64) (first AC) · Tags: binary search, constructive algorithms, data structures, divide and conquer, greedy, shortest paths

[slenbol's solution](#)

240.

1697D

[Guess The String](#) · [Tutorial](#)

Quality: 4,995 global accepts · Rating: 1900 · first AC: 2022-06-15 · C++17 (GCC 7-32) (first AC) · Tags: binary search, constructive algorithms, interactive

[slenbol's solution](#)

241.

1677C

[Tokitsukaze and Two Colorful Tapes](#) · [Tutorial](#)

Quality: 4,083 global accepts · Rating: 1900 · first AC: 2022-05-08 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, dfs and similar, graphs, greedy

[slenbol's solution](#)

242.

1673D

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

Quality: 3,625 global accepts · Rating: 1900 · first AC: 2022-04-30 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, math, number theory

[slenbol's solution](#)

243.

1661D

[Progressions Covering](#) · [Tutorial](#)

Quality: 5,397 global accepts · Rating: 1900 · first AC: 2022-04-09 · C++20 (GCC 11-64) (first AC) · Tags: data structures, greedy

[slenbol's solution](#)

244.

1656D

[K-good](#) · [Tutorial](#)

Quality: 7,558 global accepts · Rating: 1900 · first AC: 2022-03-24 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, math, number theory

[slenbol's solution](#)

245.

1650E

[Rescheduling the Exam](#) · [Tutorial](#)

Quality: 4,466 global accepts · Rating: 1900 · first AC: 2022-03-14 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, greedy, implementation, math, sortings

[slenbol's solution](#)

246.

1647D

[Madoka and the Best School in Russia](#) · [Tutorial](#)

Quality: 5,701 global accepts · Rating: 1900 · first AC: 2022-03-11 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, dp, math, number theory

[slenbol's solution](#)

247.

1651D

[Nearest Excluded Points](#) · [Tutorial](#)

Quality: 6,504 global accepts · Rating: 1900 · first AC: 2022-03-10 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, dfs and similar, graphs, shortest paths

[slenbol's solution](#)

248.

1649E

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

Rating: 1900 · first AC: 2022-03-06 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, data structures, dp, math

[slenbol's solution](#)

249.

1644E

[Expand the Path](#) · [Tutorial](#)

Quality: 3,490 global accepts · Rating: 1900 · first AC: 2022-02-22 · C++14 (GCC 6-32) (first AC) · Tags: brute force, combinatorics, data structures, implementation, math

[slenbol's solution](#)

250.

1624G

[MinOr Tree](#) · [Tutorial](#)

Quality: 7,595 global accepts · Rating: 1900 · first AC: 2022-01-24 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, dfs and similar, dsu, graphs, greedy

[slenbol's solution](#)

251.

1627D

[Not Adding](#) · [Tutorial](#)

Quality: 9,368 global accepts · Rating: 1900 · first AC: 2022-01-16 · C++14 (GCC 6-32) (first AC) · Tags: brute force, dp, math, number theory

[slenbol's solution](#)

252.

1591D

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

Rating: 1900 · first AC: 2021-12-22 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, data structures, math, sortings

[slenbol's solution](#)

253.

1620E

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

Quality: 9,669 global accepts · Rating: 1900 · first AC: 2021-12-22 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, data structures, dsu, implementation

[slenbol's solution](#)

254.

1611E2

[Escape The Maze \(hard version\)](#) · [Tutorial](#)

Quality: 4,314 global accepts · Rating: 1900 · first AC: 2021-12-09 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, dp, greedy, shortest paths, trees

[slenbol's solution](#)

255.

1613D

[MEX Sequences](#) · [Tutorial](#)

Quality: 5,304 global accepts · Rating: 1900 · first AC: 2021-12-02 · C++14 (GCC 6-32) (first AC) · Tags: dp, math

[slenbol's solution](#)

256.

685B

[Kay and Snowflake](#) · [Tutorial](#)

Quality: 5,356 global accepts · Rating: 1900 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dfs and similar, dp, trees

[slenbol's solution](#)

257.

730I

[Olympiad in Programming and Sports](#) · [Tutorial](#)

Quality: 2,743 global accepts · Rating: 2000 · first AC: 2024-07-01 · last AC: 2024-07-01 · C++20 (GCC 13-64) (first AC) · Tags: dp, flows, graphs, greedy

[slenbol's solution](#)

258.

1889C1

[Doremy's Drying Plan \(Easy Version\)](#) · [Tutorial](#)

Quality: 3,910 global accepts · Rating: 2000 · first AC: 2023-10-28 · C++17 (GCC 9-64) (first AC) · Tags: brute force, data structures, dp, greedy, sortings

[slenbol's solution](#)

259.

1726D

[Edge Split](#) · [Tutorial](#)

Quality: 4,162 global accepts · Rating: 2000 · first AC: 2022-09-06 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: brute force, constructive algorithms, dfs and similar, dsu, graphs, probabilities, trees

[slenbol's solution](#)

260.

1718B

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

Quality: 3,467 global accepts · Rating: 2000 · first AC: 2022-08-17 · C++20 (GCC 11-64) (first AC) · Tags: greedy, implementation, math, number theory

[slenbol's solution](#)

261.

1716D

[Chip Move](#) · [Tutorial](#)

Quality: 6,136 global accepts · Rating: 2000 · first AC: 2022-08-04 · C++20 (GCC 11-64) (first AC) · Tags: brute force, dp, math

[slenbol's solution](#)

262.

1716C

[Robot in a Hallway](#) · [Tutorial](#)

Quality: 4,593 global accepts · Rating: 2000 · first AC: 2022-08-04 · C++20 (GCC 11-64) (first AC) · Tags: data structures, dp, greedy, implementation, ternary search

[slenbol's solution](#)

263.

1696E

[Placing Jinas](#) · [Tutorial](#)

Quality: 4,908 global accepts · Rating: 2000 · first AC: 2022-06-25 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, math

[slenbol's solution](#)

264.

1685B

[Linguistics](#) · [Tutorial](#)

Quality: 3,677 global accepts · Rating: 2000 · first AC: 2022-05-26 · C++17 (GCC 7-32) (first AC) · Tags: greedy, implementation, sortings, strings

[slenbol's solution](#)

265.

1680E

[Moving Chips](#) · [Tutorial](#)

Quality: 4,347 global accepts · Rating: 2000 · first AC: 2022-05-13 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, dp, greedy

[slenbol's solution](#)

266.

1672F1

[Array Shuffling](#) · [Tutorial](#)

Quality: 3,539 global accepts · Rating: 2000 · first AC: 2022-04-23 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, graphs, greedy

[slenbol's solution](#)

267.

1665D

[GCD Guess](#) · [Tutorial](#)

Quality: 4,658 global accepts · Rating: 2000 · first AC: 2022-04-08 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, chinese remainder theorem, constructive algorithms, games, interactive, math, number theory

[slenbol's solution](#)

268.

1657D

[For Gamers. By Gamers.](#) · [Tutorial](#)

Quality: 5,292 global accepts · Rating: 2000 · first AC: 2022-03-23 · C++20 (GCC 11-64) (first AC) · Tags: binary search, brute force, greedy, math, sortings

[slenbol's solution](#)

269.

1641B

[Repetitions Decoding](#) · [Tutorial](#)

Quality: 4,064 global accepts · Rating: 2000 · first AC: 2022-02-24 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, implementation, sortings

[slenbol's solution](#)

270.

1638D

[Big Brush](#) · [Tutorial](#)

Quality: 4,735 global accepts · Rating: 2000 · first AC: 2022-02-16 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, data structures, greedy, implementation

[slenbol's solution](#)

271.

1632D

[New Year Concert](#) · [Tutorial](#)

Quality: 5,332 global accepts · Rating: 2000 · first AC: 2022-02-08 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, greedy, math, number theory, two pointers

[slenbol's solution](#)

272.

1634D

[Finding Zero](#) · [Tutorial](#)

Quality: 4,738 global accepts · Rating: 2000 · first AC: 2022-02-07 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, interactive, math

[slenbol's solution](#)

273.

1624E

[Masha-forgetful](#) · [Tutorial](#)

Quality: 4,593 global accepts · Rating: 2000 · first AC: 2022-01-23 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, dp, hashing, implementation, strings

[slenbol's solution](#)

274.

1624F

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

Quality: 3,802 global accepts · Rating: 2000 · first AC: 2022-01-23 · C++14 (GCC 6-32) (first AC) · Tags: binary search, constructive algorithms, interactive

[slenbol's solution](#)

275.

920F

[SUM and REPLACE](#) · [Tutorial](#)

Quality: 8,599 global accepts · Rating: 2000 · first AC: 2022-01-11 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures, dsu, number theory

[slenbol's solution](#)

276.

1616D

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

Quality: 5,566 global accepts · Rating: 2000 · first AC: 2022-01-07 · C++14 (GCC 6-32) (first AC) · Tags: dp, greedy, math

[slenbol's solution](#)

277.

1619F

[Let's Play the Hat?](#) · [Tutorial](#)

Quality: 2,339 global accepts · Rating: 2000 · first AC: 2022-01-02 · C++14 (GCC 6-32) (first AC) · Tags: brute force, constructive algorithms, greedy, math

[slenbol's solution](#)

278.

1619G

[Unusual Minesweeper](#) · [Tutorial](#)

Quality: 2,736 global accepts · Rating: 2000 · first AC: 2021-12-30 · C++14 (GCC 6-32) (first AC) · Tags: binary search, dfs and similar, dsu, greedy, sortings

[slenbol's solution](#)

279.

1622D

[Shuffle](#) · [Tutorial](#)

Quality: 4,646 global accepts · Rating: 2000 · first AC: 2021-12-28 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, math, two pointers

[slenbol's solution](#)

280.

1618F

[Reverse](#) · [Tutorial](#)

Quality: 4,734 global accepts · Rating: 2000 · first AC: 2021-12-23 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, constructive algorithms, dfs and similar, implementation, math, strings

[slenbol's solution](#)

281.

1612E

[Messages](#) · [Tutorial](#)

Quality: 2,817 global accepts · Rating: 2000 · first AC: 2021-12-03 · C++14 (GCC 6-32) (first AC) · Tags: brute force, dp, greedy, probabilities, sortings

[slenbol's solution](#)

282.

1613E

[Crazy Robot](#) · [Tutorial](#)

Quality: 5,889 global accepts · Rating: 2000 · first AC: 2021-12-03 · last AC: 2021-12-03 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, graphs

[slenbol's solution](#)

283.

1589D

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

Rating: 2000 · first AC: 2021-11-15 · C++14 (GCC 6-32) (first AC) · Tags: binary search, combinatorics, interactive, math

[slenbol's solution](#)

284.

814D

[An overnight dance in discotheque](#) · [Tutorial](#)

Quality: 2,581 global accepts · Rating: 2000 · first AC: 2021-10-13 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, dp, geometry, greedy, trees

[slenbol's solution](#)

285.

954G

[Castle Defense](#) · [Tutorial](#)

Quality: 2,400 global accepts · Rating: 2000 · first AC: 2021-10-13 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, greedy, two pointers

[slenbol's solution](#)

286.

1427C

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

Quality: 6,070 global accepts · Rating: 2000 · first AC: 2021-10-09 · last AC: 2021-10-11 · C++14 (GCC 6-32) (first AC) · Tags: dp

[slenbol's solution](#)

287.

1919D

[01 Tree](#) · [Tutorial](#)

Quality: 4,570 global accepts · Rating: 2100 · first AC: 2024-01-09 · last AC: 2024-01-09 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, data structures, dsu, greedy, sortings, trees

[slenbol's solution](#)

288.

1896E

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

Quality: 2,744 global accepts · Rating: 2100 · first AC: 2023-11-26 · C++20 (GCC 11-64) (first AC) · Tags: data structures, sortings

[slenbol's solution](#)

289.

1876C

[Autosynthesis](#) · [Tutorial](#)

Quality: 2,719 global accepts · Rating: 2100 · first AC: 2023-10-08 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, dfs and similar, graphs, greedy, sortings

[slenbol's solution](#)

290.

1868B2

[Candy Party \(Hard Version\)](#) · [Tutorial](#)

Quality: 2,751 global accepts · Rating: 2100 · first AC: 2023-09-11 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, constructive algorithms, dp, greedy, implementation, math

[slenbol's solution](#)

291.

1866G

[Grouped Carriages](#) · [Tutorial](#)

Quality: 2,179 global accepts · Rating: 2100 · first AC: 2023-09-03 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, dp, flows, greedy

[slenbol's solution](#)

292.

1866H

[Happy Sets](#) · [Tutorial](#)

Quality: 1,907 global accepts · Rating: 2100 · first AC: 2023-09-03 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics

[slenbol's solution](#)

293.

1864E

[Guess Game](#) · [Tutorial](#)

Quality: 3,053 global accepts · Rating: 2100 · first AC: 2023-08-27 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, data structures, games, math, probabilities, sortings, strings, trees

[slenbol's solution](#)

294.

1801D

[The way home](#) · [Tutorial](#)

Quality: 2,863 global accepts · Rating: 2100 · first AC: 2023-03-09 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures, dp, graphs, greedy, shortest paths, sortings

[slenbol's solution](#)

295.

1787E

[The Harmonization of XOR](#) · [Tutorial](#)

Quality: 2,718 global accepts · Rating: 2100 · first AC: 2023-01-30 · C++17 (GCC 9-64) (first AC) · Tags: bitmasks, constructive algorithms, greedy, math

[slenbol's solution](#)

296.

1775E

[The Human Equation](#) · [Tutorial](#)

Quality: 3,859 global accepts · Rating: 2100 · first AC: 2023-01-10 · C++17 (GCC 9-64) (first AC) · Tags: greedy, implementation

[slenbol's solution](#)

297.

1761D

[Carry Bit](#) · [Tutorial](#)

Quality: 2,767 global accepts · Rating: 2100 · first AC: 2022-11-21 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, math

[slenbol's solution](#)

298.

1734E

[Rectangular Congruence](#) · [Tutorial](#)

Quality: 3,240 global accepts · Rating: 2100 · first AC: 2022-09-23 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, number theory

[slenbol's solution](#)

299.

1710B

[Rain](#) · [Tutorial](#)

Quality: 2,793 global accepts · Rating: 2100 · first AC: 2022-07-24 · C++20 (GCC 11-64) (first AC) · Tags: binary search, brute force, data structures, geometry, greedy, implementation, math

[slenbol's solution](#)

300.

1684E

[MEX vs DIFF](#) · [Tutorial](#)

Quality: 3,628 global accepts · Rating: 2100 · first AC: 2022-05-19 · C++14 (GCC 6-32) (first AC) · Tags: binary search, brute force, constructive algorithms, data structures, greedy, two pointers

[slenbol's solution](#)

301.

1000E

[We Need More Bosses](#) · [Tutorial](#)

Quality: 6,505 global accepts · Rating: 2100 · first AC: 2022-05-10 · C++17 (GCC 9-64) (first AC) · Tags: dfs and similar, graphs, trees

[slenbol's solution](#)

302.

1671E

[Preorder](#) · [Tutorial](#)

Quality: 3,170 global accepts · Rating: 2100 · first AC: 2022-04-22 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, divide and conquer, dp, dsu, hashing, sortings, trees

[slenbol's solution](#)

303.

1667B

[Optimal Partition](#) · [Tutorial](#)

Quality: 4,321 global accepts · Rating: 2100 · first AC: 2022-04-20 · C++17 (GCC 9-64) (first AC) · Tags: data structures, dp

[slenbol's solution](#)

304.

1654D

[Potion Brewing Class](#) · [Tutorial](#)

Quality: 3,062 global accepts · Rating: 2100 · first AC: 2022-03-20 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, math, number theory, trees

[slenbol's solution](#)

305.

1650G

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

Quality: 2,938 global accepts · Rating: 2100 · first AC: 2022-03-14 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dfs and similar, dp, graphs, shortest paths

[slenbol's solution](#)

306.

1637E

[Best Pair](#) · [Tutorial](#)

Quality: 3,795 global accepts · Rating: 2100 · first AC: 2022-02-13 · last AC: 2022-02-13 · C++14 (GCC 6-32) (first AC) · Tags: binary search, brute force, implementation

[slenbol's solution](#)

307.

1626D

[Martial Arts Tournament](#) · [Tutorial](#)

Quality: 4,330 global accepts · Rating: 2100 · first AC: 2022-01-18 · C++14 (GCC 6-32) (first AC) · Tags: binary search, brute force, greedy, math

[slenbol's solution](#)

308.

1621D

[The Winter Hike](#) · [Tutorial](#)

Quality: 4,390 global accepts · Rating: 2100 · first AC: 2022-01-04 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy, math

[slenbol's solution](#)

309.

1605D

[Treelabeling](#) · [Tutorial](#)

Quality: 3,252 global accepts · Rating: 2100 · first AC: 2021-11-18 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, constructive algorithms, dfs and similar, games, greedy, implementation, trees

[slenbol's solution](#)

310.

1203F1

[Complete the Projects \(easy version\)](#) · [Tutorial](#)

Quality: 4,051 global accepts · Rating: 2100 · first AC: 2021-10-13 · C++14 (GCC 6-32) (first AC) · Tags: greedy

[slenbol's solution](#)

311.

734E

[Anton and Tree](#) · [Tutorial](#)

Quality: 5,236 global accepts · Rating: 2100 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, dp, trees

[slenbol's solution](#)

312.

35E

[Parade](#) · [Tutorial](#)

Quality: 880 global accepts · Rating: 2100 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: data structures, sortings

[slenbol's solution](#)

313.

1355E

[Restorer Distance](#) · [Tutorial](#)

Quality: 5,834 global accepts · Rating: 2100 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: binary search, greedy, math, sortings, ternary search

[slenbol's solution](#)

314.

1909F1

[Small Permutation Problem \(Easy Version\)](#) · [Tutorial](#)

Quality: 2,257 global accepts · Rating: 2200 · first AC: 2023-12-26 · C++17 (GCC 7-32) (first AC) · Tags: brute force, combinatorics, dp, math

[slenbol's solution](#)

315.

1785C

[Monsters \(hard version\)](#) · [Tutorial](#)

Rating: 2200 · first AC: 2023-02-05 · C++17 (GCC 9-64) (first AC) · Tags: data structures, greedy, implementation

[slenbol's solution](#)

316.

1704E

[Count Seconds](#) · [Tutorial](#)

Quality: 2,679 global accepts · Rating: 2200 · first AC: 2022-11-18 · C++17 (GCC 9-64) (first AC) · Tags: brute force, constructive algorithms, dp, graphs, implementation, math

[slenbol's solution](#)

317.

1721E

[Prefix Function Queries](#) · [Tutorial](#)

Quality: 2,550 global accepts · Rating: 2200 · first AC: 2022-08-27 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: dfs and similar, dp, hashing, string suffix structures, strings, trees

[slenbol's solution](#)

318.

1717E

[Madoka and The Best University](#) · [Tutorial](#)

Quality: 3,403 global accepts · Rating: 2200 · first AC: 2022-09-02 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: math, number theory

[slenbol's solution](#)

319.

1730D

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

Quality: 3,023 global accepts · Rating: 2200 · first AC: 2022-09-26 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, strings, two pointers

[slenbol's solution](#)

320.

1737D

[Ela and the Wiring Wizard](#) · [Tutorial](#)

Quality: 2,103 global accepts · Rating: 2200 · first AC: 2022-10-07 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: brute force, dp, graphs, greedy, implementation, shortest paths

[slenbol's solution](#)

321.

1670E

[Hemose on the Tree](#) · [Tutorial](#)

Quality: 1,938 global accepts · Rating: 2200 · first AC: 2022-05-07 · C++17 (GCC 9-64) (first AC) · Tags: bitmasks, constructive algorithms, dfs and similar, trees

[slenbol's solution](#)

322.

1672E

[notepad.exe](#) · [Tutorial](#)

Quality: 2,517 global accepts · Rating: 2200 · first AC: 2022-04-24 · C++17 (GCC 9-64) (first AC) · Tags: binary search, constructive algorithms, greedy, interactive

[slenbol's solution](#)

323.

1659E

[AND-MEX Walk](#) · [Tutorial](#)

Quality: 1,971 global accepts · Rating: 2200 · first AC: 2022-04-21 · C++17 (GCC 9-64) (first AC) · Tags: bitmasks, brute force, constructive algorithms, dfs and similar, dsu, graphs

[slenbol's solution](#)

324.

1656E

[Equal Tree Sums](#) · [Tutorial](#)

Quality: 3,861 global accepts · Rating: 2200 · first AC: 2022-03-25 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, dfs and similar, math, trees

[slenbol's solution](#)

325.

1657E

[Star MST](#) · [Tutorial](#)

Quality: 2,491 global accepts · Rating: 2200 · first AC: 2022-03-23 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, dp, graph matchings, math

[slenbol's solution](#)

326.

1650F

[Vitaly and Advanced Useless Algorithms](#) · [Tutorial](#)

Quality: 1,665 global accepts · Rating: 2200 · first AC: 2022-03-14 · C++14 (GCC 6-32) (first AC) · Tags: dp, greedy, implementation

[slenbol's solution](#)

327.

1635E

[Cars](#) · [Tutorial](#)

Quality: 2,724 global accepts · Rating: 2200 · first AC: 2022-02-21 · C++14 (GCC 6-32) (first AC) · Tags: 2-sat, constructive algorithms, dfs and similar, dsu, graphs, greedy, sortings

[slenbol's solution](#)

328.

1631E

[Paint the Middle](#) · [Tutorial](#)

Rating: 2200 · first AC: 2022-02-07 · C++14 (GCC 6-32) (first AC) · Tags: greedy, sortings, two pointers

[slenbol's solution](#)

329.

1045G

[AI robots](#) · [Tutorial](#)

Quality: 1,984 global accepts · Rating: 2200 · first AC: 2022-01-20 · C++14 (GCC 6-32) (first AC) · Tags: data structures

[slenbol's solution](#)

330.

1627E

[Not Escaping](#) · [Tutorial](#)

Quality: 2,791 global accepts · Rating: 2200 · first AC: 2022-01-16 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dp, implementation, shortest paths, two pointers

[slenbol's solution](#)

331.

1616E

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

Quality: 2,716 global accepts · Rating: 2200 · first AC: 2022-01-13 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures, greedy, strings

[slenbol's solution](#)

332.

1622E

[Math Test](#) · [Tutorial](#)

Quality: 2,245 global accepts · Rating: 2200 · first AC: 2021-12-29 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, brute force, greedy

[slenbol's solution](#)

333.

1579G

[Minimal Coverage](#) · [Tutorial](#)

Quality: 2,748 global accepts · Rating: 2200 · first AC: 2021-10-10 · C++14 (GCC 6-32) (first AC) · Tags: dp

[slenbol's solution](#)

334.

1059D

[Nature Reserve](#) · [Tutorial](#)

Quality: 2,998 global accepts · Rating: 2200 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: binary search, geometry, ternary search

[slenbol's solution](#)

335.

1919F1

[Wine Factory \(Easy Version\)](#) · [Tutorial](#)

Quality: 2,581 global accepts · Rating: 2300 · first AC: 2024-01-09 · C++17 (GCC 9-64) (first AC) · Tags: data structures, greedy

[slenbol's solution](#)

336.

1916E

[Happy Life in University](#) · [Tutorial](#)

Quality: 2,637 global accepts · Rating: 2300 · first AC: 2024-01-07 · last AC: 2024-01-07 · C++17 (GCC 7-32) (first AC) · Tags: data structures, dfs and similar, greedy, trees

[slenbol's solution](#)

337.

660E

[Different Subsets For All Tuples](#) · [Tutorial](#)

Quality: 1,957 global accepts · Rating: 2300 · first AC: 2023-12-20 · last AC: 2023-12-20 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics,

math

[slenbol's solution](#)

338.

1874C

[Jellyfish and EVA](#) · [Tutorial](#)

Quality: 2,194 global accepts · Rating: 2300 · first AC: 2023-09-30 · C++14 (GCC 6-32) (first AC) · Tags: dp, graphs, greedy, math, probabilities

[slenbol's solution](#)

339.

1870E

[Another MEX Problem](#) · [Tutorial](#)

Quality: 2,961 global accepts · Rating: 2300 · first AC: 2023-09-18 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, brute force, dp, shortest paths

[slenbol's solution](#)

340.

1861E

[Non-Intersecting Subpermutations](#) · [Tutorial](#)

Quality: 2,036 global accepts · Rating: 2300 · first AC: 2023-09-08 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, dp, implementation, math

[slenbol's solution](#)

341.

1866D

[Digital Wallet](#) · [Tutorial](#)

Quality: 1,566 global accepts · Rating: 2300 · first AC: 2023-09-03 · C++14 (GCC 6-32) (first AC) · Tags: dp, greedy

[slenbol's solution](#)

342.

1864F

[Exotic Queries](#) · [Tutorial](#)

Quality: 1,639 global accepts · Rating: 2300 · first AC: 2023-08-27 · C++14 (GCC 6-32) (first AC) · Tags: data structures, implementation, sortings

[slenbol's solution](#)

343.

1783E

[Game of the Year](#) · [Tutorial](#)

Quality: 2,441 global accepts · Rating: 2300 · first AC: 2023-01-09 · C++17 (GCC 9-64) (first AC) · Tags: brute force, data structures, math, number theory

[slenbol's solution](#)

344.

1768E

[Partial Sorting](#) · [Tutorial](#)

Quality: 2,265 global accepts · Rating: 2300 · first AC: 2023-01-06 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, math, number theory

[slenbol's solution](#)

345.

1698E

[PermutationForces II](#) · [Tutorial](#)

Quality: 1,788 global accepts · Rating: 2300 · first AC: 2022-06-28 · last AC: 2022-11-18 · C++17 (GCC 9-64) (first AC) · Tags: brute force, combinatorics, greedy, sortings, trees, two pointers

[slenbol's solution](#)

346.

1743F

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

Quality: 1,803 global accepts · Rating: 2300 · first AC: 2022-10-21 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: data structures, dp, matrices, probabilities

[slenbol's solution](#)

347.

1228E

[Another Filling the Grid](#) · [Tutorial](#)

Quality: 3,452 global accepts · Rating: 2300 · first AC: 2022-06-22 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, dp, math
[slenbol's solution](#)

348.

1342E

[Placing Rooks](#) · [Tutorial](#)

Quality: 3,558 global accepts · Rating: 2300 · first AC: 2022-06-22 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, fft, math
[slenbol's solution](#)

349.

1693C

[Keshi in Search of AmShZ](#) · [Tutorial](#)

Quality: 3,185 global accepts · Rating: 2300 · first AC: 2022-06-17 · C++17 (GCC 7-32) (first AC) · Tags: graphs, greedy, shortest paths
[slenbol's solution](#)

350.

1691E

[Number of Groups](#) · [Tutorial](#)

Quality: 2,101 global accepts · Rating: 2300 · first AC: 2022-06-01 · C++17 (GCC 7-32) (first AC) · Tags: data structures, dfs and similar, dsu, graphs, greedy, sortings
[slenbol's solution](#)

351.

1681F

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

Quality: 2,322 global accepts · Rating: 2300 · first AC: 2022-05-25 · C++17 (GCC 7-32) (first AC) · Tags: data structures, dfs and similar, divide and conquer, dp, dsu, trees
[slenbol's solution](#)

352.

1658D2

[388535 \(Hard Version\)](#) · [Tutorial](#)

Quality: 3,178 global accepts · Rating: 2300 · first AC: 2022-03-27 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, brute force, data structures, math
[slenbol's solution](#)

353.

1654E

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

Quality: 2,359 global accepts · Rating: 2300 · first AC: 2022-03-21 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures, graphs, math
[slenbol's solution](#)

354.

893F

[Subtree Minimum Query](#) · [Tutorial](#)

Quality: 2,500 global accepts · Rating: 2300 · first AC: 2022-02-27 · C++14 (GCC 6-32) (first AC) · Tags: data structures, trees
[slenbol's solution](#)

355.

38G

[Queue](#) · [Tutorial](#)

Quality: 808 global accepts · Rating: 2300 · first AC: 2022-02-12 · C++14 (GCC 6-32) (first AC) · Tags: data structures
[slenbol's solution](#)

356.

1628C

[Grid Xor](#) · [Tutorial](#)

Quality: 3,576 global accepts · Rating: 2300 · first AC: 2022-01-23 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy, implementation, interactive, math
[slenbol's solution](#)

357.

1621E

[New School](#) · [Tutorial](#)

Quality: 1,919 global accepts · Rating: 2300 · first AC: 2022-01-06 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, dp,

greedy, implementation, sortings

[slenbol's solution](#)

358.

865D

[Buy Low Sell High](#) · [Tutorial](#)

Quality: 8,017 global accepts · Rating: 2400 · first AC: 2024-06-30 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, data structures, greedy

[slenbol's solution](#)

359.

1978F

[Large Graph](#) · [Tutorial](#)

Quality: 1,580 global accepts · Rating: 2400 · first AC: 2024-06-24 · last AC: 2024-06-24 · C++20 (GCC 13-64) (first AC) · Tags: data structures, dfs and similar, dsu, graphs, number theory, two pointers

[slenbol's solution](#)

360.

1943D1

[Counting Is Fun \(Easy Version\)](#) · [Tutorial](#)

Quality: 1,951 global accepts · Rating: 2400 · first AC: 2024-04-09 · last AC: 2024-04-09 · C++20 (GCC 13-64) (first AC) · Tags: brute force, combinatorics, dp, math

[slenbol's solution](#)

361.

1924C

[Fractal Origami](#) · [Tutorial](#)

Quality: 1,377 global accepts · Rating: 2400 · first AC: 2024-02-07 · last AC: 2024-02-07 · C++17 (GCC 9-64) (first AC) · Tags: geometry, math, matrices

[slenbol's solution](#)

362.

1909E

[Multiple Lamps](#) · [Tutorial](#)

Quality: 1,679 global accepts · Rating: 2400 · first AC: 2023-12-25 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, brute force, constructive algorithms, math, number theory

[slenbol's solution](#)

363.

1902F

[Trees and XOR Queries Again](#) · [Tutorial](#)

Quality: 1,480 global accepts · Rating: 2400 · first AC: 2023-12-11 · last AC: 2023-12-11 · C++20 (GCC 11-64) (first AC) · Tags: data structures, dfs and similar, divide and conquer, graphs, implementation, math, trees

[slenbol's solution](#)

364.

1887C

[Minimum Array](#) · [Tutorial](#)

Quality: 2,283 global accepts · Rating: 2400 · first AC: 2023-10-22 · C++17 (GCC 9-64) (first AC) · Tags: binary search, brute force, constructive algorithms, data structures, greedy, hashing, two pointers

[slenbol's solution](#)

365.

1874B

[Jellyfish and Math](#) · [Tutorial](#)

Quality: 1,392 global accepts · Rating: 2400 · first AC: 2023-10-01 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, brute force, dfs and similar, dp, graphs, shortest paths

[slenbol's solution](#)

366.

1868C

[Travel Plan](#) · [Tutorial](#)

Quality: 1,375 global accepts · Rating: 2400 · first AC: 2023-09-11 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, dp, implementation, math, trees

[slenbol's solution](#)

367.

1866L

[Lihmuf Balling](#) · [Tutorial](#)

Quality: 877 global accepts · Rating: 2400 · first AC: 2023-09-03 · C++14 (GCC 6-32) (first AC) · Tags: binary search, brute force, math
[slenbol's solution](#)

368.

1860E

[Fast Travel Text Editor](#) · [Tutorial](#)

Quality: 1,815 global accepts · Rating: 2400 · first AC: 2023-08-18 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dfs and similar, graphs, shortest paths
[slenbol's solution](#)

369.

1785D

[Wooden Spoon](#) · [Tutorial](#)

Rating: 2400 · first AC: 2023-02-07 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, dp, fft, math
[slenbol's solution](#)

370.

1761E

[Make It Connected](#) · [Tutorial](#)

Quality: 2,148 global accepts · Rating: 2400 · first AC: 2022-11-23 · last AC: 2022-11-23 · C++17 (GCC 9-64) (first AC) · Tags: binary search, brute force, constructive algorithms, dsu, graphs, greedy, matrices, trees, two pointers
[slenbol's solution](#)

371.

1707C

[DFS Trees](#) · [Tutorial](#)

Quality: 1,904 global accepts · Rating: 2400 · first AC: 2022-07-17 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: dfs and similar, dsu, graphs, greedy, sortings, trees
[slenbol's solution](#)

372.

1713E

[Cross Swapping](#) · [Tutorial](#)

Quality: 1,976 global accepts · Rating: 2400 · first AC: 2022-08-07 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: 2-sat, data structures, dsu, greedy, matrices
[slenbol's solution](#)

373.

1718C

[Tonya and Burenka-179](#) · [Tutorial](#)

Quality: 1,860 global accepts · Rating: 2400 · first AC: 2022-08-17 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: data structures, greedy, math, number theory
[slenbol's solution](#)

374.

1720D2

[Xor-Subsequence \(hard version\)](#) · [Tutorial](#)

Quality: 2,198 global accepts · Rating: 2400 · first AC: 2022-09-05 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, data structures, dp, strings, trees
[slenbol's solution](#)

375.

1715E

[Long Way Home](#) · [Tutorial](#)

Quality: 2,131 global accepts · Rating: 2400 · first AC: 2022-08-22 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: data structures, divide and conquer, dp, geometry, graphs, greedy, shortest paths
[slenbol's solution](#)

376.

1726E

[Almost Perfect](#) · [Tutorial](#)

Quality: 1,716 global accepts · Rating: 2400 · first AC: 2022-09-06 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, fft, math

[slenbol's solution](#)

377.

1739E

[Cleaning Robot](#) · [Tutorial](#)

Quality: 1,461 global accepts · Rating: 2400 · first AC: 2022-10-10 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, dp
[slenbol's solution](#)

378.

1738F

[Connectivity Addicts](#) · [Tutorial](#)

Quality: 1,381 global accepts · Rating: 2400 · first AC: 2022-10-11 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, dsu, graphs, greedy, interactive, shortest paths, trees
[slenbol's solution](#)

379.

1749E

[Cactus Wall](#) · [Tutorial](#)

Quality: 2,074 global accepts · Rating: 2400 · first AC: 2022-10-21 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, dfs and similar, graphs, shortest paths
[slenbol's solution](#)

380.

1753D

[The Beach](#) · [Tutorial](#)

Quality: 2,073 global accepts · Rating: 2400 · first AC: 2022-11-18 · last AC: 2022-11-18 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, dfs and similar, graphs, shortest paths
[slenbol's solution](#)

381.

1750E

[Bracket Cost](#) · [Tutorial](#)

Quality: 1,660 global accepts · Rating: 2400 · first AC: 2022-11-07 · last AC: 2022-11-18 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, divide and conquer, dp, greedy, strings
[slenbol's solution](#)

382.

1697E

[Coloring](#) · [Tutorial](#)

Quality: 1,450 global accepts · Rating: 2400 · first AC: 2022-06-16 · C++17 (GCC 7-32) (first AC) · Tags: brute force, combinatorics, constructive algorithms, dp, geometry, graphs, greedy, implementation, math
[slenbol's solution](#)

383.

1679E

[Typical Party in Dorm](#) · [Tutorial](#)

Quality: 1,419 global accepts · Rating: 2400 · first AC: 2022-05-16 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, combinatorics, dp, strings
[slenbol's solution](#)

384.

1680D

[Dog Walking](#) · [Tutorial](#)

Quality: 1,349 global accepts · Rating: 2400 · first AC: 2022-05-15 · C++14 (GCC 6-32) (first AC) · Tags: brute force, greedy, math
[slenbol's solution](#)

385.

1239D

[Catowice City](#) · [Tutorial](#)

Quality: 2,600 global accepts · Rating: 2400 · first AC: 2022-05-12 · C++14 (GCC 6-32) (first AC) · Tags: 2-sat, dfs and similar, graph matchings, graphs
[slenbol's solution](#)

386.

962F

[Simple Cycles Edges](#) · [Tutorial](#)

Quality: 1,581 global accepts · Rating: 2400 · first AC: 2022-05-10 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, graphs, trees

[slenbol's solution](#)

387.

1670F

[Jee, You See? · Tutorial](#)

Quality: 1,266 global accepts · Rating: 2400 · first AC: 2022-05-07 · C++17 (GCC 9-64) (first AC) · Tags: bitmasks, combinatorics, dp

[slenbol's solution](#)

388.

1673F

[Anti-Theft Road Planning · Tutorial](#)

Quality: 960 global accepts · Rating: 2400 · first AC: 2022-05-01 · C++17 (GCC 9-64) (first AC) · Tags: bitmasks, constructive algorithms, divide and conquer, greedy, interactive, math

[slenbol's solution](#)

389.

1667C

[Half Queen Cover · Tutorial](#)

Quality: 1,907 global accepts · Rating: 2400 · first AC: 2022-04-20 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, math

[slenbol's solution](#)

390.

1527D

[MEX Tree · Tutorial](#)

Quality: 2,289 global accepts · Rating: 2400 · first AC: 2022-03-02 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, dfs and similar, implementation, math, trees

[slenbol's solution](#)

391.

1638E

[Colorful Operations · Tutorial](#)

Quality: 2,364 global accepts · Rating: 2400 · first AC: 2022-02-17 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures, implementation

[slenbol's solution](#)

392.

1632E1

[Distance Tree \(easy version\) · Tutorial](#)

Quality: 1,339 global accepts · Rating: 2400 · first AC: 2022-02-08 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, dfs and similar, graphs, shortest paths, trees

[slenbol's solution](#)

393.

1634E

[Fair Share · Tutorial](#)

Quality: 2,182 global accepts · Rating: 2400 · first AC: 2022-02-07 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, data structures, dfs and similar, graph matchings, graphs

[slenbol's solution](#)

394.

1633E

[Spanning Tree Queries · Tutorial](#)

Quality: 1,742 global accepts · Rating: 2400 · first AC: 2022-02-07 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, dfs and similar, dsu, graphs, greedy, math, sortings, trees

[slenbol's solution](#)

395.

375D

[Tree and Queries · Tutorial](#)

Quality: 8,916 global accepts · Rating: 2400 · first AC: 2022-01-12 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dfs and similar, trees

[slenbol's solution](#)

396.

1608D

[Dominoes · Tutorial](#)

Quality: 1,558 global accepts · Rating: 2400 · first AC: 2022-01-07 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, fft, graphs, math,

number theory

[slenbol's solution](#)

397.

1591E

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

Rating: 2400 · first AC: 2021-12-22 · last AC: 2021-12-22 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, dfs and similar, trees, two pointers

[slenbol's solution](#)

398.

1609E

[William The Oblivious](#) · [Tutorial](#)

Quality: 2,451 global accepts · Rating: 2400 · first AC: 2021-12-08 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, data structures, dp, matrices

[slenbol's solution](#)

399.

1578L

[Labyrinth](#) · [Tutorial](#)

Quality: 1,435 global accepts · Rating: 2400 · first AC: 2021-10-15 · C++14 (GCC 6-32) (first AC) · Tags: binary search, dsu, greedy

[slenbol's solution](#)

400.

1340C

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

Quality: 2,416 global accepts · Rating: 2400 · first AC: 2021-10-15 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, dp, graphs, shortest paths

[slenbol's solution](#)

401.

845E

[Fire in the City](#) · [Tutorial](#)

Quality: 693 global accepts · Rating: 2400 · first AC: 2021-10-13 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures

[slenbol's solution](#)

402.

865C

[Gotta Go Fast](#) · [Tutorial](#)

Quality: 939 global accepts · Rating: 2400 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: binary search, dp

[slenbol's solution](#)

403.

1594F

[Ideal Farm](#) · [Tutorial](#)

Quality: 1,538 global accepts · Rating: 2400 · first AC: 2021-10-09 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, math

[slenbol's solution](#)

404.

1984F

[Reconstruction](#) · [Tutorial](#)

Quality: 1,141 global accepts · Rating: 2500 · first AC: 2024-06-23 · C++20 (GCC 13-64) (first AC) · Tags: brute force, dp, math

[slenbol's solution](#)

405.

1951F

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

Quality: 963 global accepts · Rating: 2500 · first AC: 2024-04-07 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, data structures, greedy

[slenbol's solution](#)

406.

1946F

[Nobody is needed](#) · [Tutorial](#)

Quality: 1,240 global accepts · Rating: 2500 · first AC: 2024-04-05 · C++17 (GCC 7-32) (first AC) · Tags: 2-sat, data structures, dfs and similar, dp

[slenbol's solution](#)

407.

1903F

[Babysitting](#) · [Tutorial](#)

Quality: 908 global accepts · Rating: 2500 · first AC: 2024-02-08 · last AC: 2024-02-08 · C++17 (GCC 9-64) (first AC) · Tags: 2-sat, binary search, data structures, graphs, trees

[slenbol's solution](#)

408.

1918F

[Caterpillar on a Tree](#) · [Tutorial](#)

Quality: 1,107 global accepts · Rating: 2500 · first AC: 2024-02-07 · last AC: 2024-02-07 · C++17 (GCC 9-64) (first AC) · Tags: dfs and similar, graphs, greedy, implementation, sortings, trees

[slenbol's solution](#)

409.

1922F

[Replace on Segment](#) · [Tutorial](#)

Quality: 1,746 global accepts · Rating: 2500 · first AC: 2024-01-22 · C++17 (GCC 9-64) (first AC) · Tags: dp, graph matchings

[slenbol's solution](#)

410.

1920F1

[Smooth Sailing \(Easy Version\)](#) · [Tutorial](#)

Quality: 1,198 global accepts · Rating: 2500 · first AC: 2024-01-17 · last AC: 2024-01-17 · C++17 (GCC 9-64) (first AC) · Tags: binary search, brute force, data structures, dfs and similar, dsu, graphs, shortest paths

[slenbol's solution](#)

411.

1917F

[Construct Tree](#) · [Tutorial](#)

Quality: 1,197 global accepts · Rating: 2500 · first AC: 2023-12-26 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, constructive algorithms, dp, trees

[slenbol's solution](#)

412.

1909F2

[Small Permutation Problem \(Hard Version\)](#) · [Tutorial](#)

Quality: 1,229 global accepts · Rating: 2500 · first AC: 2023-12-26 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, dp, math

[slenbol's solution](#)

413.

1876D

[Lexichromatography](#) · [Tutorial](#)

Quality: 1,049 global accepts · Rating: 2500 · first AC: 2023-10-09 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, dfs and similar, dsu, graphs, two pointers

[slenbol's solution](#)

414.

1866K

[Keen Tree Calculation](#) · [Tutorial](#)

Quality: 559 global accepts · Rating: 2500 · first AC: 2023-09-03 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures, dp, geometry, graphs, implementation, trees

[slenbol's solution](#)

415.

1796E

[Colored Subgraphs](#) · [Tutorial](#)

Quality: 1,032 global accepts · Rating: 2500 · first AC: 2023-03-06 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, dp, games, greedy, trees

[slenbol's solution](#)

416.

645F

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

Quality: 970 global accepts · Rating: 2500 · first AC: 2023-02-25 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, math, number theory

[slenbol's solution](#)

417.

1787F

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

Quality: 800 global accepts · Rating: 2500 · first AC: 2023-01-31 · last AC: 2023-01-31 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, implementation, math

[slenbol's solution](#)

418.

1775F

[Laboratory on Pluto](#) · [Tutorial](#)

Quality: 876 global accepts · Rating: 2500 · first AC: 2023-01-29 · last AC: 2023-01-29 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, dp, greedy, math

[slenbol's solution](#)

419.

1783F

[Double Sort II](#) · [Tutorial](#)

Quality: 1,315 global accepts · Rating: 2500 · first AC: 2023-01-10 · C++17 (GCC 9-64) (first AC) · Tags: dfs and similar, flows, graph matchings, graphs

[slenbol's solution](#)

420.

704B

[Ant Man](#) · [Tutorial](#)

Quality: 2,168 global accepts · Rating: 2500 · first AC: 2022-11-19 · C++17 (GCC 9-64) (first AC) · Tags: dp, graphs, greedy

[slenbol's solution](#)

421.

1701E

[Text Editor](#) · [Tutorial](#)

Quality: 1,347 global accepts · Rating: 2500 · first AC: 2022-07-12 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: brute force, dp, greedy, strings

[slenbol's solution](#)

422.

1709F

[Multiset of Strings](#) · [Tutorial](#)

Quality: 681 global accepts · Rating: 2500 · first AC: 2022-08-17 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, brute force, dp, fft, flows, graphs, math, meet-in-the-middle, trees

[slenbol's solution](#)

423.

1710C

[XOR Triangle](#) · [Tutorial](#)

Quality: 1,628 global accepts · Rating: 2500 · first AC: 2022-07-30 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, brute force, constructive algorithms, dp, greedy, math

[slenbol's solution](#)

424.

1717F

[Madoka and The First Session](#) · [Tutorial](#)

Quality: 638 global accepts · Rating: 2500 · first AC: 2022-09-08 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, flows, graph matchings, graphs, implementation

[slenbol's solution](#)

425.

1737E

[Ela Goes Hiking](#) · [Tutorial](#)

Quality: 1,075 global accepts · Rating: 2500 · first AC: 2022-10-07 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, dp, math, probabilities

[slenbol's solution](#)

426.

1746E1

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

Quality: 1,693 global accepts · Rating: 2500 · first AC: 2022-10-18 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: binary search,

constructive algorithms, interactive, ternary search

[slenbol's solution](#)

427.

1701F

[Points](#) · [Tutorial](#)

Quality: 1,132 global accepts · Rating: 2500 · first AC: 2022-07-13 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, data structures, implementation, math, matrices

[slenbol's solution](#)

428.

580E

[Kefa and Watch](#) · [Tutorial](#)

Quality: 2,570 global accepts · Rating: 2500 · first AC: 2022-07-04 · last AC: 2022-07-04 · C++20 (GCC 11-64) (first AC) · Tags: data structures, hashing, strings

[slenbol's solution](#)

429.

997C

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

Quality: 2,176 global accepts · Rating: 2500 · first AC: 2022-06-22 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, math

[slenbol's solution](#)

430.

1687C

[Sanae and Giant Robot](#) · [Tutorial](#)

Quality: 1,688 global accepts · Rating: 2500 · first AC: 2022-06-15 · C++17 (GCC 7-32) (first AC) · Tags: binary search, brute force, data structures, dsu, greedy, sortings

[slenbol's solution](#)

431.

1689E

[ANDfinity](#) · [Tutorial](#)

Quality: 1,360 global accepts · Rating: 2500 · first AC: 2022-06-15 · C++17 (GCC 7-32) (first AC) · Tags: bitmasks, brute force, constructive algorithms, dfs and similar, dsu, graphs

[slenbol's solution](#)

432.

1691F

[K-Set Tree](#) · [Tutorial](#)

Quality: 1,135 global accepts · Rating: 2500 · first AC: 2022-06-01 · C++17 (GCC 7-32) (first AC) · Tags: combinatorics, dfs and similar, dp, math, trees

[slenbol's solution](#)

433.

1673E

[Power or XOR?](#) · [Tutorial](#)

Quality: 802 global accepts · Rating: 2500 · first AC: 2022-05-13 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, combinatorics, math, number theory

[slenbol's solution](#)

434.

1677D

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

Quality: 1,459 global accepts · Rating: 2500 · first AC: 2022-05-09 · C++17 (GCC 9-64) (first AC) · Tags: dp, math

[slenbol's solution](#)

435.

1661E

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

Quality: 1,122 global accepts · Rating: 2500 · first AC: 2022-04-12 · C++17 (GCC 9-64) (first AC) · Tags: brute force, data structures, dp, dsu, math, trees

[slenbol's solution](#)

436.

1665E

[MinimizOR](#) · [Tutorial](#)

Quality: 1,799 global accepts · Rating: 2500 · first AC: 2022-04-09 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, brute force, data structures, divide and conquer, greedy, implementation, two pointers

[slenbol's solution](#)

437.

1658E

[Gojou and Matrix Game](#) · [Tutorial](#)

Quality: 1,176 global accepts · Rating: 2500 · first AC: 2022-03-28 · C++20 (GCC 11-64) (first AC) · Tags: data structures, dp, games, hashing, implementation, math, number theory, sortings

[slenbol's solution](#)

438.

1647E

[Madoka and the Sixth-graders](#) · [Tutorial](#)

Quality: 1,097 global accepts · Rating: 2500 · first AC: 2022-03-12 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dfs and similar, greedy

[slenbol's solution](#)

439.

1497E2

[Square-Free Division \(hard version\)](#) · [Tutorial](#)

Quality: 1,915 global accepts · Rating: 2500 · first AC: 2022-03-02 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dp, greedy, math, number theory, two pointers

[slenbol's solution](#)

440.

1637F

[Towers](#) · [Tutorial](#)

Quality: 2,160 global accepts · Rating: 2500 · first AC: 2022-02-13 · last AC: 2022-02-13 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, dfs and similar, dp, greedy, trees

[slenbol's solution](#)

441.

1625E1

[Cats on the Upgrade \(easy version\)](#) · [Tutorial](#)

Quality: 1,149 global accepts · Rating: 2500 · first AC: 2022-01-23 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures, dfs and similar, divide and conquer, dp, graphs, trees

[slenbol's solution](#)

442.

840D

[Destiny](#) · [Tutorial](#)

Quality: 3,956 global accepts · Rating: 2500 · first AC: 2022-01-13 · C++14 (GCC 6-32) (first AC) · Tags: data structures, probabilities

[slenbol's solution](#)

443.

1623E

[Middle Duplication](#) · [Tutorial](#)

Quality: 1,261 global accepts · Rating: 2500 · first AC: 2021-12-30 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dfs and similar, greedy, strings, trees

[slenbol's solution](#)

444.

1137C

[Museums Tour](#) · [Tutorial](#)

Quality: 1,320 global accepts · Rating: 2500 · first AC: 2021-10-18 · C++14 (GCC 6-32) (first AC) · Tags: dp, graphs, implementation

[slenbol's solution](#)

445.

1994G

[Minecraft](#) · [Tutorial](#)

Quality: 1,627 global accepts · Rating: 2600 · first AC: 2024-07-19 · C++20 (GCC 13-64) (first AC) · Tags: bitmasks, brute force, dp, graphs, math

[slenbol's solution](#)

446.

1975F

[Set](#) · [Tutorial](#)

Quality: 1,037 global accepts · Rating: 2600 · first AC: 2024-05-27 · last AC: 2024-05-27 · C++20 (GCC 13-64) (first AC) · Tags: bitmasks, brute force, combinatorics, dfs and similar, divide and conquer, dp, math

[slenbol's solution](#)

447.

755F

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

Quality: 1,863 global accepts · Rating: 2600 · first AC: 2024-04-22 · last AC: 2024-04-22 · C++20 (GCC 13-64) (first AC) · Tags: bitmasks, dp, greedy

[slenbol's solution](#)

448.

1919E

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

Quality: 1,130 global accepts · Rating: 2600 · first AC: 2024-01-09 · last AC: 2024-01-09 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, constructive algorithms, dp, implementation, math

[slenbol's solution](#)

449.

1905F

[Field Should Not Be Empty](#) · [Tutorial](#)

Quality: 753 global accepts · Rating: 2600 · first AC: 2023-12-27 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, divide and conquer

[slenbol's solution](#)

450.

1613F

[Tree Coloring](#) · [Tutorial](#)

Quality: 831 global accepts · Rating: 2600 · first AC: 2023-12-20 · last AC: 2023-12-20 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, divide and conquer, fft

[slenbol's solution](#)

451.

1896F

[Bracket Xoring](#) · [Tutorial](#)

Quality: 961 global accepts · Rating: 2600 · first AC: 2023-11-26 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, greedy, implementation, math

[slenbol's solution](#)

452.

1898F

[Vova Escapes the Matrix](#) · [Tutorial](#)

Quality: 942 global accepts · Rating: 2600 · first AC: 2023-11-20 · C++20 (GCC 11-64) (first AC) · Tags: brute force, dfs and similar, divide and conquer, shortest paths

[slenbol's solution](#)

453.

1893D

[Colorful Constructive](#) · [Tutorial](#)

Quality: 1,091 global accepts · Rating: 2600 · first AC: 2023-11-08 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, data structures, greedy

[slenbol's solution](#)

454.

1895F

[Fancy Arrays](#) · [Tutorial](#)

Quality: 1,044 global accepts · Rating: 2600 · first AC: 2023-11-04 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, dp, math, matrices

[slenbol's solution](#)

455.

917D

[Stranger Trees](#) · [Tutorial](#)

Quality: 1,469 global accepts · Rating: 2600 · first AC: 2023-09-25 · C++20 (GCC 11-64) (first AC) · Tags: dp, math, matrices, trees

[slenbol's solution](#)

456.

1863F

[Divide, XOR, and Conquer](#) · [Tutorial](#)

Quality: 1,352 global accepts · Rating: 2600 · first AC: 2023-09-01 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, dp, math

[slenbol's solution](#)

457.

1799G

[Count Voting](#) · [Tutorial](#)

Quality: 1,071 global accepts · Rating: 2600 · first AC: 2023-03-04 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, dp, math

[slenbol's solution](#)

458.

1402C

[Star Trek](#) · [Tutorial](#)

Quality: 234 global accepts · Rating: 2600 · first AC: 2023-02-14 · C++17 (GCC 9-64) (first AC) · Tags: *special, combinatorics, dfs and similar, dp, games, graphs, matrices, trees

[slenbol's solution](#)

459.

1278F

[Cards](#) · [Tutorial](#)

Quality: 2,498 global accepts · Rating: 2600 · first AC: 2023-01-11 · last AC: 2023-01-11 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, dp, math, number theory, probabilities

[slenbol's solution](#)

460.

1704F

[Colouring Game](#) · [Tutorial](#)

Quality: 1,304 global accepts · Rating: 2600 · first AC: 2022-08-03 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, dp, games

[slenbol's solution](#)

461.

1739F

[Keyboard Design](#) · [Tutorial](#)

Quality: 636 global accepts · Rating: 2600 · first AC: 2022-10-11 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, data structures, dp, string suffix structures, strings

[slenbol's solution](#)

462.

1736E

[Swap and Take](#) · [Tutorial](#)

Quality: 855 global accepts · Rating: 2600 · first AC: 2022-10-13 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: dp, greedy

[slenbol's solution](#)

463.

1740F

[Conditional Mix](#) · [Tutorial](#)

Quality: 1,068 global accepts · Rating: 2600 · first AC: 2022-11-01 · last AC: 2022-11-01 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, dp, math

[slenbol's solution](#)

464.

1700F

[Puzzle](#) · [Tutorial](#)

Quality: 1,057 global accepts · Rating: 2600 · first AC: 2022-06-22 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, dp, greedy

[slenbol's solution](#)

465.

1681E

[Labyrinth Adventures](#) · [Tutorial](#)

Quality: 939 global accepts · Rating: 2600 · first AC: 2022-05-26 · C++17 (GCC 7-32) (first AC) · Tags: data structures, dp, matrices, shortest paths

[slenbol's solution](#)

466.

1684F

[Diverse Segments](#) · [Tutorial](#)

Quality: 1,123 global accepts · Rating: 2600 · first AC: 2022-05-20 · C++14 (GCC 6-32) (first AC) · Tags: data structures, two pointers
[slenbol's solution](#)

467.

1679F

[Formalism for Formalism](#) · [Tutorial](#)

Quality: 772 global accepts · Rating: 2600 · first AC: 2022-05-16 · last AC: 2022-05-16 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, dp, math
[slenbol's solution](#)

468.

1680F

[Lenient Vertex Cover](#) · [Tutorial](#)

Quality: 901 global accepts · Rating: 2600 · first AC: 2022-05-16 · last AC: 2022-05-16 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, divide and conquer, dsu, graphs, trees
[slenbol's solution](#)

469.

1661F

[Teleporters](#) · [Tutorial](#)

Quality: 827 global accepts · Rating: 2600 · first AC: 2022-04-11 · C++20 (GCC 11-64) (first AC) · Tags: binary search, greedy
[slenbol's solution](#)

470.

1656F

[Parametric MST](#) · [Tutorial](#)

Quality: 1,219 global accepts · Rating: 2600 · first AC: 2022-03-25 · C++20 (GCC 11-64) (first AC) · Tags: binary search, constructive algorithms, graphs, greedy, math, sortings
[slenbol's solution](#)

471.

1657F

[Words on Tree](#) · [Tutorial](#)

Quality: 755 global accepts · Rating: 2600 · first AC: 2022-03-24 · C++20 (GCC 11-64) (first AC) · Tags: 2-sat, dfs and similar, dsu, graphs, trees
[slenbol's solution](#)

472.

940F

[Machine Learning](#) · [Tutorial](#)

Quality: 3,376 global accepts · Rating: 2600 · first AC: 2022-01-13 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures
[slenbol's solution](#)

473.

1614E

[Divan and a Cottage](#) · [Tutorial](#)

Quality: 948 global accepts · Rating: 2600 · first AC: 2021-12-09 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures
[slenbol's solution](#)

474.

1584F

[Strange LCS](#) · [Tutorial](#)

Quality: 1,116 global accepts · Rating: 2600 · first AC: 2021-12-08 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, dp, graphs, greedy, strings
[slenbol's solution](#)

475.

1344C

[Quantifier Question](#) · [Tutorial](#)

Quality: 1,980 global accepts · Rating: 2600 · first AC: 2021-10-15 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, dp, graphs, math
[slenbol's solution](#)

476.

547D

[Mike and Fish](#) · [Tutorial](#)

Quality: 3,122 global accepts · Rating: 2600 · first AC: 2021-10-15 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, dfs and

similar, graphs

[slenbol's solution](#)

477.

1942F

[Farmer John's Favorite Function](#) · [Tutorial](#)

Quality: 973 global accepts · Rating: 2700 · first AC: 2024-04-04 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, implementation, math

[slenbol's solution](#)

478.

1849F

[XOR Partition](#) · [Tutorial](#)

Quality: 882 global accepts · Rating: 2700 · first AC: 2024-02-12 · last AC: 2024-02-12 · C++17 (GCC 9-64) (first AC) · Tags: binary search, bitmasks, data structures, divide and conquer, greedy, trees

[slenbol's solution](#)

479.

1924D

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

Quality: 1,430 global accepts · Rating: 2700 · first AC: 2024-02-08 · last AC: 2024-02-08 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, dp, math

[slenbol's solution](#)

480.

1918G

[Permutation of Given](#) · [Tutorial](#)

Quality: 658 global accepts · Rating: 2700 · first AC: 2024-02-07 · last AC: 2024-02-07 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, math

[slenbol's solution](#)

481.

1916H2

[Matrix Rank \(Hard Version\)](#) · [Tutorial](#)

Quality: 631 global accepts · Rating: 2700 · first AC: 2024-01-08 · last AC: 2024-01-08 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, dp, math, matrices, string suffix structures

[slenbol's solution](#)

482.

1916H1

[Matrix Rank \(Easy Version\)](#) · [Tutorial](#)

Quality: 715 global accepts · Rating: 2700 · first AC: 2024-01-08 · C++17 (GCC 9-64) (first AC) · Tags: brute force, combinatorics, dp, math, matrices

[slenbol's solution](#)

483.

1887D

[Split](#) · [Tutorial](#)

Quality: 1,259 global accepts · Rating: 2700 · first AC: 2023-10-23 · C++17 (GCC 9-64) (first AC) · Tags: binary search, data structures, divide and conquer, dsu, math, trees, two pointers

[slenbol's solution](#)

484.

1515G

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

Quality: 1,356 global accepts · Rating: 2700 · first AC: 2023-09-26 · last AC: 2023-09-26 · C++20 (GCC 11-64) (first AC) · Tags: dfs and similar, graphs, math, number theory

[slenbol's solution](#)

485.

1867F

[Most Different Tree](#) · [Tutorial](#)

Quality: 509 global accepts · Rating: 2700 · first AC: 2023-09-22 · C++20 (GCC 11-64) (first AC) · Tags: brute force, constructive algorithms, dfs and similar, greedy, hashing

[slenbol's solution](#)

486.

1856E2

[PermuTree \(hard version\) · Tutorial](#)

Quality: 1,756 global accepts · Rating: 2700 · first AC: 2023-08-21 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, dfs and similar, dp, fft, greedy, implementation, math, trees

[slenbol's solution](#)

487.

1817D

[Toy Machine · Tutorial](#)

Quality: 1,035 global accepts · Rating: 2700 · first AC: 2023-05-04 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, games, implementation

[slenbol's solution](#)

488.

1804F

[Approximate Diameter · Tutorial](#)

Quality: 1,175 global accepts · Rating: 2700 · first AC: 2023-03-16 · last AC: 2023-03-17 · C++14 (GCC 6-32) (first AC) · Tags: binary search, divide and conquer, graphs, shortest paths

[slenbol's solution](#)

489.

1801F

[Another n-dimensional chocolate bar · Tutorial](#)

Quality: 746 global accepts · Rating: 2700 · first AC: 2023-03-10 · C++20 (GCC 11-64) (first AC) · Tags: dp, math, meet-in-the-middle, number theory

[slenbol's solution](#)

490.

1795G

[Removal Sequences · Tutorial](#)

Quality: 817 global accepts · Rating: 2700 · first AC: 2023-03-06 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, dfs and similar, graphs

[slenbol's solution](#)

491.

1799F

[Halve or Subtract · Tutorial](#)

Quality: 1,082 global accepts · Rating: 2700 · first AC: 2023-03-02 · C++14 (GCC 6-32) (first AC) · Tags: binary search, brute force, dp, greedy, sortings

[slenbol's solution](#)

492.

1728G

[Illumination · Tutorial](#)

Quality: 618 global accepts · Rating: 2700 · first AC: 2022-09-20 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: binary search, bitmasks, brute force, combinatorics, dp, math, two pointers

[slenbol's solution](#)

493.

1733E

[Conveyor · Tutorial](#)

Quality: 1,486 global accepts · Rating: 2700 · first AC: 2022-09-23 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, dp, math

[slenbol's solution](#)

494.

1730E

[Maximums and Minimums · Tutorial](#)

Quality: 767 global accepts · Rating: 2700 · first AC: 2022-09-26 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, data structures, divide and conquer, number theory

[slenbol's solution](#)

495.

1730F

[Almost Sorted · Tutorial](#)

Quality: 743 global accepts · Rating: 2700 · first AC: 2022-09-26 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, data

structures, dp

[slenbol's solution](#)

496.

1750F

[Majority](#) · [Tutorial](#)

Quality: 1,210 global accepts · Rating: 2700 · first AC: 2022-11-09 · last AC: 2022-11-18 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, dp, math, strings

[slenbol's solution](#)

497.

1458C

[Latin Square](#) · [Tutorial](#)

Quality: 1,687 global accepts · Rating: 2700 · first AC: 2022-10-03 · C++20 (GCC 11-64) (first AC) · Tags: math, matrices

[slenbol's solution](#)

498.

1682F

[MCMF?](#) · [Tutorial](#)

Quality: 393 global accepts · Rating: 2700 · first AC: 2022-07-01 · C++17 (GCC 9-64) (first AC) · Tags: data structures, flows, graphs, greedy, sortings, two pointers

[slenbol's solution](#)

499.

1695E

[Ambiguous Dominoes](#) · [Tutorial](#)

Quality: 513 global accepts · Rating: 2700 · first AC: 2022-06-21 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, dfs and similar, graphs

[slenbol's solution](#)

500.

1682E

[Unordered Swaps](#) · [Tutorial](#)

Quality: 749 global accepts · Rating: 2700 · first AC: 2022-05-26 · last AC: 2022-05-26 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, dfs and similar, graphs, greedy, math, sortings, trees

[slenbol's solution](#)

501.

1215F

[Radio Stations](#) · [Tutorial](#)

Quality: 1,189 global accepts · Rating: 2700 · first AC: 2022-05-19 · C++14 (GCC 6-32) (first AC) · Tags: 2-sat

[slenbol's solution](#)

502.

1672H

[Zigu Zagu](#) · [Tutorial](#)

Quality: 1,130 global accepts · Rating: 2700 · first AC: 2022-04-24 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, data structures, greedy

[slenbol's solution](#)

503.

1658F

[Juju and Binary String](#) · [Tutorial](#)

Quality: 924 global accepts · Rating: 2700 · first AC: 2022-03-28 · C++20 (GCC 11-64) (first AC) · Tags: brute force, constructive algorithms, greedy, math

[slenbol's solution](#)

504.

1621F

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

Quality: 637 global accepts · Rating: 2700 · first AC: 2022-02-09 · C++14 (GCC 6-32) (first AC) · Tags: data structures, greedy, implementation

[slenbol's solution](#)

505.

1632E2

[Distance Tree \(hard version\)](#) · [Tutorial](#)

Quality: 1,198 global accepts · Rating: 2700 · first AC: 2022-02-08 · C++14 (GCC 6-32) (first AC) · Tags: binary search, dfs and similar, shortest paths, trees

[slenbol's solution](#)

506.

1634F

[Fibonacci Additions](#) · [Tutorial](#)

Quality: 1,903 global accepts · Rating: 2700 · first AC: 2022-02-07 · C++14 (GCC 6-32) (first AC) · Tags: brute force, data structures, hashing, implementation, math

[slenbol's solution](#)

507.

1461F

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

Quality: 601 global accepts · Rating: 2700 · first AC: 2021-10-12 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, dp, greedy

[slenbol's solution](#)

508.

1976F

[Remove Bridges](#) · [Tutorial](#)

Quality: 833 global accepts · Rating: 2800 · first AC: 2024-06-03 · C++20 (GCC 13-64) (first AC) · Tags: data structures, dfs and similar, dp, greedy, sortings, trees

[slenbol's solution](#)

509.

1967D

[Long Way to be Non-decreasing](#) · [Tutorial](#)

Quality: 978 global accepts · Rating: 2800 · first AC: 2024-05-12 · last AC: 2024-05-12 · C++20 (GCC 13-64) (first AC) · Tags: binary search, dfs and similar, graphs, implementation, shortest paths, two pointers

[slenbol's solution](#)

510.

1942G

[Bessie and Cards](#) · [Tutorial](#)

Quality: 737 global accepts · Rating: 2800 · first AC: 2024-04-23 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, dp, math

[slenbol's solution](#)

511.

1830D

[Mex Tree](#) · [Tutorial](#)

Quality: 933 global accepts · Rating: 2800 · first AC: 2024-04-21 · C++20 (GCC 13-64) (first AC) · Tags: brute force, dp, trees

[slenbol's solution](#)

512.

1943D2

[Counting Is Fun \(Hard Version\)](#) · [Tutorial](#)

Quality: 1,125 global accepts · Rating: 2800 · first AC: 2024-04-09 · last AC: 2024-04-09 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, dp

[slenbol's solution](#)

513.

1826F

[Fading into Fog](#) · [Tutorial](#)

Quality: 457 global accepts · Rating: 2800 · first AC: 2024-02-18 · last AC: 2024-02-18 · C++17 (GCC 9-64) (first AC) · Tags: geometry, interactive, math, probabilities

[slenbol's solution](#)

514.

1879F

[Last Man Standing](#) · [Tutorial](#)

Quality: 608 global accepts · Rating: 2800 · first AC: 2024-02-09 · last AC: 2024-02-09 · C++17 (GCC 9-64) (first AC) · Tags: brute force, data structures, number theory

[slenbol's solution](#)

515.

1884E

[Hard Design](#) · [Tutorial](#)

Quality: 390 global accepts · Rating: 2800 · first AC: 2024-02-08 · last AC: 2024-02-08 · C++17 (GCC 9-64) (first AC) · Tags: greedy, implementation, math
[slenbol's solution](#)

516.

1919F2

[Wine Factory \(Hard Version\)](#) · [Tutorial](#)

Quality: 1,086 global accepts · Rating: 2800 · first AC: 2024-01-09 · last AC: 2024-01-09 · C++17 (GCC 9-64) (first AC) · Tags: data structures, dp, flows, greedy, matrices
[slenbol's solution](#)

517.

1913F

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

Quality: 543 global accepts · Rating: 2800 · first AC: 2023-12-27 · last AC: 2023-12-27 · C++17 (GCC 7-32) (first AC) · Tags: binary search, data structures, hashing, string suffix structures, strings
[slenbol's solution](#)

518.

1900F

[Local Deletions](#) · [Tutorial](#)

Quality: 359 global accepts · Rating: 2800 · first AC: 2023-12-07 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures, implementation
[slenbol's solution](#)

519.

1863G

[Swaps](#) · [Tutorial](#)

Quality: 827 global accepts · Rating: 2800 · first AC: 2023-11-01 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, dp, graphs, math
[slenbol's solution](#)

520.

1874D

[Jellyfish and Miku](#) · [Tutorial](#)

Quality: 932 global accepts · Rating: 2800 · first AC: 2023-10-02 · C++14 (GCC 6-32) (first AC) · Tags: divide and conquer, dp, math, probabilities
[slenbol's solution](#)

521.

1394D

[Boboniu and Jianghu](#) · [Tutorial](#)

Quality: 1,226 global accepts · Rating: 2800 · first AC: 2023-02-06 · last AC: 2023-02-06 · C++17 (GCC 9-64) (first AC) · Tags: dp, greedy, sortings, trees
[slenbol's solution](#)

522.

1783G

[Weighed Tree Radius](#) · [Tutorial](#)

Quality: 589 global accepts · Rating: 2800 · first AC: 2023-01-31 · last AC: 2023-01-31 · C++17 (GCC 9-64) (first AC) · Tags: data structures, divide and conquer, implementation, trees
[slenbol's solution](#)

523.

1698F

[Equal Reversal](#) · [Tutorial](#)

Quality: 757 global accepts · Rating: 2800 · first AC: 2022-07-01 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, graphs, implementation, math
[slenbol's solution](#)

524.

1746F

[Kazaee](#) · [Tutorial](#)

Quality: 2,647 global accepts · Rating: 2800 · first AC: 2022-10-17 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: data structures, hashing, probabilities
[slenbol's solution](#)

525.

1749F

[Distance to the Path](#) · [Tutorial](#)

Quality: 612 global accepts · Rating: 2800 · first AC: 2022-10-24 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: data structures, dfs and similar, trees

[slenbol's solution](#)

526.

1732E

[Location](#) · [Tutorial](#)

Quality: 583 global accepts · Rating: 2800 · first AC: 2022-10-26 · C++20 (GCC 11-64) (first AC) · Tags: data structures, dp, math, number theory

[slenbol's solution](#)

527.

280D

[K-Maximum Subsequence Sum](#) · [Tutorial](#)

Quality: 1,653 global accepts · Rating: 2800 · first AC: 2022-07-11 · C++20 (GCC 11-64) (first AC) · Tags: data structures, flows, graphs, implementation

[slenbol's solution](#)

528.

1693D

[Decinc Dividing](#) · [Tutorial](#)

Quality: 1,107 global accepts · Rating: 2800 · first AC: 2022-06-17 · C++17 (GCC 7-32) (first AC) · Tags: brute force, data structures, divide and conquer, dp, greedy

[slenbol's solution](#)

529.

1684G

[Euclid Guess](#) · [Tutorial](#)

Quality: 785 global accepts · Rating: 2800 · first AC: 2022-05-26 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, flows, graph matchings, math, number theory

[slenbol's solution](#)

530.

1672F2

[Checker for Array Shuffling](#) · [Tutorial](#)

Quality: 936 global accepts · Rating: 2800 · first AC: 2022-04-24 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, dfs and similar, graphs

[slenbol's solution](#)

531.

1654F

[Minimal String Xoration](#) · [Tutorial](#)

Quality: 1,483 global accepts · Rating: 2800 · first AC: 2022-04-09 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, data structures, divide and conquer, greedy, hashing, sortings, strings

[slenbol's solution](#)

532.

762F

[Tree nesting](#) · [Tutorial](#)

Quality: 478 global accepts · Rating: 2800 · first AC: 2022-03-22 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, graphs, trees

[slenbol's solution](#)

533.

1648D

[Serious Business](#) · [Tutorial](#)

Quality: 1,051 global accepts · Rating: 2800 · first AC: 2022-03-07 · C++14 (GCC 6-32) (first AC) · Tags: data structures, divide and conquer, dp, implementation, shortest paths

[slenbol's solution](#)

534.

1635F

[Closest Pair](#) · [Tutorial](#)

Quality: 1,392 global accepts · Rating: 2800 · first AC: 2022-02-21 · C++14 (GCC 6-32) (first AC) · Tags: data structures, greedy

[slenbol's solution](#)

535.

702F

[T-Shirts](#) · [Tutorial](#)

Quality: 1,922 global accepts · Rating: 2800 · first AC: 2022-02-12 · C++14 (GCC 6-32) (first AC) · Tags: data structures

[slenbol's solution](#)

536.

1625E2

[Cats on the Upgrade \(hard version\)](#) · [Tutorial](#)

Quality: 662 global accepts · Rating: 2800 · first AC: 2022-02-09 · last AC: 2022-02-09 · C++14 (GCC 6-32) (first AC) · Tags: binary search, data structures, dfs and similar, graphs, trees

[slenbol's solution](#)

537.

1039D

[You Are Given a Tree](#) · [Tutorial](#)

Quality: 2,309 global accepts · Rating: 2800 · first AC: 2022-01-16 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dp, trees

[slenbol's solution](#)

538.

802M3

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

Quality: 1,295 global accepts · Rating: 2900 · first AC: 2024-06-30 · C++20 (GCC 13-64) (first AC) · Tags: binary search, data structures, flows

[slenbol's solution](#)

539.

960G

[Bandit Blues](#) · [Tutorial](#)

Quality: 1,201 global accepts · Rating: 2900 · first AC: 2024-05-23 · last AC: 2024-05-23 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, dp, fft, math

[slenbol's solution](#)

540.

138E

[Hellish Constraints](#) · [Tutorial](#)

Quality: 188 global accepts · Rating: 2900 · first AC: 2024-05-23 · C++20 (GCC 13-64) (first AC) · Tags: brute force, dp, two pointers

[slenbol's solution](#)

541.

1916F

[Group Division](#) · [Tutorial](#)

Quality: 710 global accepts · Rating: 2900 · first AC: 2024-01-07 · last AC: 2024-01-07 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, dfs and similar, graphs, greedy

[slenbol's solution](#)

542.

1870F

[Lazy Numbers](#) · [Tutorial](#)

Quality: 558 global accepts · Rating: 2900 · first AC: 2023-09-19 · C++20 (GCC 11-64) (first AC) · Tags: binary search, math

[slenbol's solution](#)

543.

1835D

[Doctor's Brown Hypothesis](#) · [Tutorial](#)

Quality: 658 global accepts · Rating: 2900 · first AC: 2023-07-23 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, graphs, math, number theory

[slenbol's solution](#)

544.

79E

[Security System](#) · [Tutorial](#)

Quality: 160 global accepts · Rating: 2900 · first AC: 2023-06-21 · C++20 (GCC 11-64) (first AC) · Tags: math

[slenbol's solution](#)

545.

1768F

[Wonderful Jump](#) · [Tutorial](#)

Quality: 1,226 global accepts · Rating: 2900 · first AC: 2023-01-07 · C++17 (GCC 9-64) (first AC) · Tags: dp, greedy

[slenbol's solution](#)

546.

1713F

[Lost Array](#) · [Tutorial](#)

Quality: 688 global accepts · Rating: 2900 · first AC: 2022-09-01 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, combinatorics, constructive algorithms, dp, math

[slenbol's solution](#)

547.

1738G

[Anti-Increasing Addicts](#) · [Tutorial](#)

Quality: 556 global accepts · Rating: 2900 · first AC: 2022-10-17 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, dp, greedy, math

[slenbol's solution](#)

548.

1747E

[List Generation](#) · [Tutorial](#)

Quality: 661 global accepts · Rating: 2900 · first AC: 2022-11-09 · last AC: 2022-11-18 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, dp, math

[slenbol's solution](#)

549.

1528E

[Mashtali and Hagh Trees](#) · [Tutorial](#)

Quality: 601 global accepts · Rating: 2900 · first AC: 2022-10-26 · last AC: 2022-10-26 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, dp, trees

[slenbol's solution](#)

550.

1687D

[Cute number](#) · [Tutorial](#)

Quality: 734 global accepts · Rating: 2900 · first AC: 2022-06-16 · C++17 (GCC 7-32) (first AC) · Tags: binary search, brute force, data structures, dsu, implementation, math

[slenbol's solution](#)

551.

1677E

[Tokitsukaze and Beautiful Subsegments](#) · [Tutorial](#)

Quality: 660 global accepts · Rating: 2900 · first AC: 2022-05-17 · C++20 (GCC 11-64) (first AC) · Tags: data structures

[slenbol's solution](#)

552.

724E

[Goods transportation](#) · [Tutorial](#)

Quality: 1,669 global accepts · Rating: 2900 · first AC: 2022-04-28 · C++17 (GCC 9-64) (first AC) · Tags: dp, flows, greedy

[slenbol's solution](#)

553.

1667D

[Edge Elimination](#) · [Tutorial](#)

Quality: 809 global accepts · Rating: 2900 · first AC: 2022-04-21 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, dfs and similar, dp, trees

[slenbol's solution](#)

554.

722E

[Research Rover](#) · [Tutorial](#)

Quality: 1,083 global accepts · Rating: 2900 · first AC: 2022-04-15 · last AC: 2022-04-15 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, dp

[slenbol's solution](#)

555.

809D

[Hitchhiking in the Baltic States](#) · [Tutorial](#)

Quality: 1,029 global accepts · Rating: 2900 · first AC: 2022-02-10 · C++14 (GCC 6-32) (first AC) · Tags: data structures, dp

[slenbol's solution](#)

556.

1981F

[Turtle and Paths on a Tree](#) · [Tutorial](#)

Quality: 349 global accepts · Rating: 3000 · first AC: 2024-06-10 · last AC: 2024-06-10 · C++20 (GCC 13-64) (first AC) · Tags: data structures, dp, trees

[slenbol's solution](#)

557.

1149D

[Abandoning Roads](#) · [Tutorial](#)

Quality: 967 global accepts · Rating: 3000 · first AC: 2024-06-07 · C++20 (GCC 13-64) (first AC) · Tags: brute force, dp, graphs, greedy

[slenbol's solution](#)

558.

1572E

[Polygon](#) · [Tutorial](#)

Quality: 374 global accepts · Rating: 3000 · first AC: 2024-02-19 · last AC: 2024-02-19 · C++17 (GCC 9-64) (first AC) · Tags: binary search, dp, geometry

[slenbol's solution](#)

559.

1920F2

[Smooth Sailing \(Hard Version\)](#) · [Tutorial](#)

Quality: 642 global accepts · Rating: 3000 · first AC: 2024-01-17 · last AC: 2024-01-17 · C++17 (GCC 9-64) (first AC) · Tags: binary search, data structures, dsu, geometry, graphs, trees

[slenbol's solution](#)

560.

1909G

[Pumping Lemma](#) · [Tutorial](#)

Quality: 652 global accepts · Rating: 3000 · first AC: 2024-01-11 · last AC: 2024-01-11 · C++17 (GCC 9-64) (first AC) · Tags: hashing, strings

[slenbol's solution](#)

561.

698F

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

Quality: 490 global accepts · Rating: 3000 · first AC: 2024-01-08 · last AC: 2024-01-08 · C++17 (GCC 9-64) (first AC) · Tags: combinatorics, number theory

[slenbol's solution](#)

562.

1868D

[Flower-like Pseudotree](#) · [Tutorial](#)

Quality: 375 global accepts · Rating: 3000 · first AC: 2023-11-04 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, graphs, greedy, implementation, trees

[slenbol's solution](#)

563.

1889D

[Game of Stacks](#) · [Tutorial](#)

Quality: 914 global accepts · Rating: 3000 · first AC: 2023-10-29 · C++14 (GCC 6-32) (first AC) · Tags: brute force, dfs and similar, graphs, implementation, trees

[slenbol's solution](#)

564.

914F

[Substrings in a String](#) · [Tutorial](#)

Quality: 2,142 global accepts · Rating: 3000 · first AC: 2023-10-08 · C++17 (GCC 9-64) (first AC) · Tags: bitmasks, brute force, data structures, string suffix structures, strings

[slenbol's solution](#)

565.

1874E

[Jellyfish and Hack](#) · [Tutorial](#)

Quality: 574 global accepts · Rating: 3000 · first AC: 2023-10-06 · C++17 (GCC 9-64) (first AC) · Tags: dp, math

[slenbol's solution](#)

566.

303E

[Random Ranking](#) · [Tutorial](#)

Quality: 383 global accepts · Rating: 3000 · first AC: 2023-09-12 · C++20 (GCC 11-64) (first AC) · Tags: dp, math, probabilities

[slenbol's solution](#)

567.

1844G

[Tree Weights](#) · [Tutorial](#)

Quality: 1,184 global accepts · Rating: 3000 · first AC: 2023-07-16 · last AC: 2023-07-16 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, constructive algorithms, data structures, dfs and similar, implementation, math, matrices, number theory, tre...

[slenbol's solution](#)

568.

587F

[Duff is Mad](#) · [Tutorial](#)

Quality: 1,352 global accepts · Rating: 3000 · first AC: 2023-07-08 · C++20 (GCC 11-64) (first AC) · Tags: data structures, strings

[slenbol's solution](#)

569.

1610F

[Mashtali: a Space Odyssey](#) · [Tutorial](#)

Quality: 707 global accepts · Rating: 3000 · first AC: 2023-03-28 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, dfs and similar, graphs

[slenbol's solution](#)

570.

1508D

[Swap Pass](#) · [Tutorial](#)

Quality: 719 global accepts · Rating: 3000 · first AC: 2023-03-23 · last AC: 2023-03-23 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, geometry, sortings

[slenbol's solution](#)

571.

1787G

[Colorful Tree Again](#) · [Tutorial](#)

Quality: 557 global accepts · Rating: 3000 · first AC: 2023-01-31 · last AC: 2023-01-31 · C++17 (GCC 9-64) (first AC) · Tags: brute force, data structures, trees

[slenbol's solution](#)

572.

1748F

[Circular Xor Reversal](#) · [Tutorial](#)

Quality: 395 global accepts · Rating: 3000 · first AC: 2022-11-16 · last AC: 2022-11-18 · C++14 (GCC 6-32) (first AC) · Tags: bitmasks, constructive algorithms

[slenbol's solution](#)

573.

533A

[Berland Miners](#) · [Tutorial](#)

Quality: 485 global accepts · Rating: 3000 · first AC: 2022-08-17 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures, dfs and similar, greedy, trees

[slenbol's solution](#)

574.

1651F

[Tower Defense](#) · [Tutorial](#)

Quality: 481 global accepts · Rating: 3000 · first AC: 2022-03-22 · C++20 (GCC 11-64) (first AC) · Tags: binary search, brute force, data structures

[slenbol's solution](#)

575.

1637G

[Birthday](#) · [Tutorial](#)

Quality: 620 global accepts · Rating: 3000 · first AC: 2022-02-13 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, greedy, math
[slenbol's solution](#)

576.

1609G

[A Stroll Around the Matrix](#) · [Tutorial](#)

Quality: 484 global accepts · Rating: 3000 · first AC: 2022-01-16 · C++14 (GCC 6-32) (first AC) · Tags: data structures, greedy, math
[slenbol's solution](#)

577.

1463F

[Max Correct Set](#) · [Tutorial](#)

Quality: 736 global accepts · Rating: 3100 · first AC: 2024-07-07 · C++20 (GCC 13-64) (first AC) · Tags: bitmasks, dp, math
[slenbol's solution](#)

578.

1965E

[Connected Cubes](#) · [Tutorial](#)

Quality: 466 global accepts · Rating: 3100 · first AC: 2024-05-02 · C++17 (GCC 7-32) (first AC) · Tags: constructive algorithms, games
[slenbol's solution](#)

579.

1948G

[MST with Matching](#) · [Tutorial](#)

Quality: 874 global accepts · Rating: 3100 · first AC: 2024-04-26 · last AC: 2024-04-26 · C++20 (GCC 13-64) (first AC) · Tags: bitmasks, brute force, dsu, graph matchings, trees
[slenbol's solution](#)

580.

1954F

[Unique Strings](#) · [Tutorial](#)

Quality: 359 global accepts · Rating: 3100 · first AC: 2024-04-23 · last AC: 2024-04-23 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, dp, math
[slenbol's solution](#)

581.

1951G

[Clacking Balls](#) · [Tutorial](#)

Quality: 426 global accepts · Rating: 3100 · first AC: 2024-04-08 · C++20 (GCC 13-64) (first AC) · Tags: combinatorics, math, probabilities
[slenbol's solution](#)

582.

1882E2

[Two Permutations \(Hard Version\)](#) · [Tutorial](#)

Quality: 355 global accepts · Rating: 3100 · first AC: 2024-02-08 · last AC: 2024-02-08 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms
[slenbol's solution](#)

583.

1784E

[Infinite Game](#) · [Tutorial](#)

Quality: 463 global accepts · Rating: 3100 · first AC: 2023-02-21 · C++14 (GCC 6-32) (first AC) · Tags: brute force, combinatorics, dp, games, probabilities
[slenbol's solution](#)

584.

438E

[The Child and Binary Tree](#) · [Tutorial](#)

Quality: 2,130 global accepts · Rating: 3100 · first AC: 2022-07-01 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, divide and conquer, fft, number theory
[slenbol's solution](#)

585.

633H

[Fibonacci-ish II](#) · [Tutorial](#)

Quality: 696 global accepts · Rating: 3100 · first AC: 2022-01-15 · C++14 (GCC 6-32) (first AC) · Tags: data structures, implementation
[slenbol's solution](#)

586.

1984G

[Magic Trick II](#) · [Tutorial](#)

Quality: 300 global accepts · Rating: 3200 · first AC: 2024-06-24 · C++20 (GCC 13-64) (first AC) · Tags: constructive algorithms, implementation, sortings
[slenbol's solution](#)

587.

1393E2

[Twilight and Ancient Scroll \(harder version\)](#) · [Tutorial](#)

Quality: 440 global accepts · Rating: 3200 · first AC: 2024-05-14 · last AC: 2024-05-14 · C++20 (GCC 13-64) (first AC) · Tags: dp, hashing, implementation, string suffix structures, strings, two pointers
[slenbol's solution](#)

588.

1017G

[The Tree](#) · [Tutorial](#)

Quality: 1,210 global accepts · Rating: 3200 · first AC: 2022-07-17 · last AC: 2024-04-27 · C++20 (GCC 11-64) (first AC) · Tags: data structures
[slenbol's solution](#)

589.

1081G

[Mergesort Strikes Back](#) · [Tutorial](#)

Quality: 434 global accepts · Rating: 3200 · first AC: 2024-04-09 · last AC: 2024-04-09 · C++14 (GCC 6-32) (first AC) · Tags: math, probabilities
[slenbol's solution](#)

590.

1951H

[Thanos Snap](#) · [Tutorial](#)

Quality: 359 global accepts · Rating: 3200 · first AC: 2024-04-08 · C++17 (GCC 7-32) (first AC) · Tags: binary search, dp, games, greedy, trees
[slenbol's solution](#)

591.

1896G

[Pepe Racing](#) · [Tutorial](#)

Quality: 410 global accepts · Rating: 3200 · first AC: 2023-11-30 · C++20 (GCC 11-64) (first AC) · Tags: constructive algorithms, implementation, interactive, sortings
[slenbol's solution](#)

592.

1799H

[Tree Cutting](#) · [Tutorial](#)

Quality: 384 global accepts · Rating: 3200 · first AC: 2023-03-21 · last AC: 2023-10-05 · C++20 (GCC 11-64) (first AC) · Tags: bitmasks, dfs and similar, dp
[slenbol's solution](#)

593.

1864H

[Asterism Stream](#) · [Tutorial](#)

Quality: 493 global accepts · Rating: 3200 · first AC: 2023-08-29 · C++20 (GCC 11-64) (first AC) · Tags: dp, math, matrices
[slenbol's solution](#)

594.

573E

[Bear and Bowling](#) · [Tutorial](#)

Quality: 2,045 global accepts · Rating: 3200 · first AC: 2022-04-12 · last AC: 2023-07-08 · C++20 (GCC 11-64) (first AC) · Tags: data structures, greedy
[slenbol's solution](#)

595.

1712F

[Triameter](#) · [Tutorial](#)

Quality: 443 global accepts · Rating: 3200 · first AC: 2022-09-21 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures, dfs and similar, trees

[slenbol's solution](#)

596.

1672G

[Cross Xor](#) · [Tutorial](#)

Quality: 454 global accepts · Rating: 3200 · first AC: 2022-05-13 · C++14 (GCC 6-32) (first AC) · Tags: constructive algorithms, graphs, math, matrices

[slenbol's solution](#)

597.

700E

[Cool Slogans](#) · [Tutorial](#)

Quality: 1,390 global accepts · Rating: 3300 · first AC: 2024-06-14 · last AC: 2024-07-15 · C++20 (GCC 13-64) (first AC) · Tags: string suffix structures, strings

[slenbol's solution](#)

598.

906E

[Reverses](#) · [Tutorial](#)

Quality: 569 global accepts · Rating: 3300 · first AC: 2024-04-18 · last AC: 2024-04-18 · C++20 (GCC 13-64) (first AC) · Tags: dp, string suffix structures, strings

[slenbol's solution](#)

599.

1876E

[Ball-Stackable](#) · [Tutorial](#)

Quality: 346 global accepts · Rating: 3300 · first AC: 2023-10-18 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms, data structures, dp, trees

[slenbol's solution](#)

600.

1063F

[String Journey](#) · [Tutorial](#)

Quality: 1,010 global accepts · Rating: 3300 · first AC: 2023-02-10 · last AC: 2023-02-10 · C++17 (GCC 9-64) (first AC) · Tags: data structures, dp, string suffix structures

[slenbol's solution](#)

601.

526G

[Spiders Evil Plan](#) · [Tutorial](#)

Quality: 861 global accepts · Rating: 3300 · first AC: 2023-02-04 · last AC: 2023-02-04 · C++17 (GCC 9-64) (first AC) · Tags: greedy, trees

[slenbol's solution](#)

602.

1726G

[A Certain Magical Party](#) · [Tutorial](#)

Quality: 365 global accepts · Rating: 3300 · first AC: 2022-10-13 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, data structures, greedy, sortings

[slenbol's solution](#)

603.

1740H

[MEX Tree Manipulation](#) · [Tutorial](#)

Quality: 316 global accepts · Rating: 3300 · first AC: 2022-11-11 · last AC: 2022-11-18 · C++14 (GCC 6-32) (first AC) · Tags: data structures, trees

[slenbol's solution](#)

604.

1290E

[Cartesian Tree](#) · [Tutorial](#)

Quality: 670 global accepts · Rating: 3300 · first AC: 2022-01-15 · C++14 (GCC 6-32) (first AC) · Tags: data structures

[slenbol's solution](#)

605.

1630F

[Making It Bipartite](#) · [Tutorial](#)

Quality: 919 global accepts · Rating: 3400 · first AC: 2024-05-06 · last AC: 2024-05-06 · C++17 (GCC 7-32) (first AC) · Tags: flows, graph matchings, graphs, number theory

[slenbol's solution](#)

606.

914H

[Ember and Storm's Tree Game](#) · [Tutorial](#)

Quality: 277 global accepts · Rating: 3400 · first AC: 2023-11-23 · C++20 (GCC 11-64) (first AC) · Tags: combinatorics, dp, games, trees

[slenbol's solution](#)

607.

1827E

[Bus Routes](#) · [Tutorial](#)

Quality: 557 global accepts · Rating: 3400 · first AC: 2023-07-16 · last AC: 2023-07-16 · C++20 (GCC 11-64) (first AC) · Tags: binary search, constructive algorithms, dfs and similar, greedy, trees

[slenbol's solution](#)

608.

1572F

[Stations](#) · [Tutorial](#)

Quality: 364 global accepts · Rating: 3400 · first AC: 2022-01-15 · last AC: 2022-01-15 · C++14 (GCC 6-32) (first AC) · Tags: data structures

[slenbol's solution](#)

609.

1178H

[Stock Exchange](#) · [Tutorial](#)

Quality: 298 global accepts · Rating: 3500 · first AC: 2024-05-13 · C++20 (GCC 13-64) (first AC) · Tags: binary search, flows, graphs

[slenbol's solution](#)

610.

1616G

[Just Add an Edge](#) · [Tutorial](#)

Quality: 425 global accepts · Rating: 3500 · first AC: 2024-05-01 · C++14 (GCC 6-32) (first AC) · Tags: dfs and similar, dp, graphs

[slenbol's solution](#)

611.

1161F

[Zigzag Game](#) · [Tutorial](#)

Rating: 3500 · first AC: 2023-09-22 · C++20 (GCC 11-64) (first AC) · Tags: games, interactive

[slenbol's solution](#)

612.

1835E

[Old Mobile](#) · [Tutorial](#)

Quality: 274 global accepts · Rating: 3500 · first AC: 2023-07-17 · last AC: 2023-07-17 · C++14 (GCC 6-32) (first AC) · Tags: combinatorics, dp, probabilities

[slenbol's solution](#)

613.

1830E

[Bully Sort](#) · [Tutorial](#)

Quality: 324 global accepts · Rating: 3500 · first AC: 2023-07-17 · last AC: 2023-07-17 · C++14 (GCC 6-32) (first AC) · Tags: data structures, math

[slenbol's solution](#)

614.

1368H2

[Breadboard Capacity \(hard version\)](#) · [Tutorial](#)

Quality: 281 global accepts · Rating: 3500 · first AC: 2023-07-08 · C++20 (GCC 11-64) (first AC) · Tags: —

[slenbol's solution](#)

615.

1707E

[Replace](#) · [Tutorial](#)

Quality: 936 global accepts · Rating: 3500 · first AC: 2022-09-01 · last AC: 2022-11-18 · C++20 (GCC 11-64) (first AC) · Tags: binary search, data structures

[slenbol's solution](#)

616.

1952G

[Mathematician Takeover](#) · [Tutorial](#)

Quality: 1,224 global accepts · Rating: — · first AC: 2024-04-06 · C++17 (GCC 7-32) (first AC) · Tags: *special, binary search, dfs and similar, math

[slenbol's solution](#)

617.

1952D

[Are You a Procrastinator?](#) · [Tutorial](#)

Quality: 5,359 global accepts · Rating: — · first AC: 2024-04-05 · C++17 (GCC 7-32) (first AC) · Tags: *special, implementation

[slenbol's solution](#)

618.

1952C

[They Have Fooled](#) · [Tutorial](#)

Quality: 3,263 global accepts · Rating: — · first AC: 2024-04-05 · C++17 (GCC 7-32) (first AC) · Tags: *special, brute force, schedules

[slenbol's solution](#)

619.

1952F

[Grid](#) · [Tutorial](#)

Quality: 1,954 global accepts · Rating: — · first AC: 2024-04-05 · C++17 (GCC 7-32) (first AC) · Tags: *special, brute force

[slenbol's solution](#)

620.

1952B

[Is it stated?](#) · [Tutorial](#)

Quality: 12,333 global accepts · Rating: — · first AC: 2024-04-05 · C++17 (GCC 7-32) (first AC) · Tags: *special, strings

[slenbol's solution](#)

621.

1952A

[Are You a Robot, Again?](#) · [Tutorial](#)

Quality: 14,101 global accepts · Rating: — · first AC: 2024-04-05 · C++17 (GCC 7-32) (first AC) · Tags: *special, strings

[slenbol's solution](#)

622.

1812D

[Trivial Conjecture](#) · [Tutorial](#)

Quality: 4,901 global accepts · Rating: — · first AC: 2023-04-04 · PHP (first AC) · Tags: *special, constructive algorithms, math, number theory

[slenbol's solution](#)

623.

1812E

[Not a Geometry Problem](#) · [Tutorial](#)

Quality: 4,304 global accepts · Rating: — · first AC: 2023-04-04 · PHP (first AC) · Tags: *special, constructive algorithms, geometry, math

[slenbol's solution](#)

624.

1812J

[Unmysterious Language](#) · [Tutorial](#)

Quality: 6,290 global accepts · Rating: — · first AC: 2023-04-04 · Mysterious Language (first AC) · Tags: *special, constructive algorithms, strings

[slenbol's solution](#)

625.

1812A

[Are You a Robot?](#) · [Tutorial](#)

Quality: 14,337 global accepts · Rating: — · first AC: 2023-04-04 · PHP (first AC) · Tags: *special, expression parsing, strings

[slenbol's solution](#)

626.

1662F

[Antennas](#) · [Tutorial](#)

Quality: 1,245 global accepts · Rating: — · first AC: 2022-05-02 · C++17 (GCC 9-64) (first AC) · Tags: data structures, dfs and similar, graphs, implementation, shortest paths

[slenbol's solution](#)

627.

1662L

[Il Derby della Madonnina](#) · [Tutorial](#)

Quality: 1,332 global accepts · Rating: — · first AC: 2022-04-24 · last AC: 2022-04-28 · C++17 (GCC 9-64) (first AC) · Tags: data structures, dp, math

[slenbol's solution](#)

628.

1662D

[Evolution of Weasels](#) · [Tutorial](#)

Quality: 2,155 global accepts · Rating: — · first AC: 2022-04-24 · C++17 (GCC 9-64) (first AC) · Tags: greedy, implementation, strings

[slenbol's solution](#)

629.

1662O

[Circular Maze](#) · [Tutorial](#)

Quality: 1,592 global accepts · Rating: — · first AC: 2022-04-24 · C++17 (GCC 9-64) (first AC) · Tags: brute force, dfs and similar, graphs, implementation

[slenbol's solution](#)

630.

1662I

[Ice Cream Shop](#) · [Tutorial](#)

Quality: 2,468 global accepts · Rating: — · first AC: 2022-04-24 · C++17 (GCC 9-64) (first AC) · Tags: brute force, implementation, sortings

[slenbol's solution](#)

631.

1662H

[Boundary](#) · [Tutorial](#)

Quality: 3,368 global accepts · Rating: — · first AC: 2022-04-24 · C++17 (GCC 9-64) (first AC) · Tags: brute force, math

[slenbol's solution](#)

632.

1662M

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

Quality: 3,877 global accepts · Rating: — · first AC: 2022-04-24 · C++17 (GCC 9-64) (first AC) · Tags: constructive algorithms

[slenbol's solution](#)

633.

1662A

[Organizing SWERC](#) · [Tutorial](#)

Quality: 4,841 global accepts · Rating: — · first AC: 2022-04-24 · C++17 (GCC 9-64) (first AC) · Tags: brute force, implementation

[slenbol's solution](#)

634.

1663F

[In Every Generation...](#) · [Tutorial](#)

Quality: 377 global accepts · Rating: — · first AC: 2022-04-02 · C++20 (GCC 11-64) (first AC) · Tags: *special, strings

[slenbol's solution](#)

635.

1663H

[Cross-Language Program](#) · [Tutorial](#)

Quality: 1,353 global accepts · Rating: — · first AC: 2022-04-01 · Text (first AC) · Tags: *special, constructive algorithms

[slenbol's solution](#)

636.

1663D

[Is it rated - 3](#) · [Tutorial](#)

Quality: 1,484 global accepts · Rating: — · first AC: 2022-04-01 · C++20 (GCC 11-64) (first AC) · Tags: *special, combinatorics, dp, math
[slenbol's solution](#)

637.

1663E

[Are You Safe?](#) · [Tutorial](#)

Quality: 587 global accepts · Rating: — · first AC: 2022-04-01 · C++20 (GCC 11-64) (first AC) · Tags: *special, implementation
[slenbol's solution](#)

638.

1663B

[Mike's Sequence](#) · [Tutorial](#)

Quality: 3,570 global accepts · Rating: — · first AC: 2022-04-01 · C++20 (GCC 11-64) (first AC) · Tags: *special, divide and conquer, implementation, math
[slenbol's solution](#)

639.

1663C

[P Ö! Verdon](#) [Tutorial](#)

Quality: 5,876 global accepts · Rating: — · first AC: 2022-04-01 · C++20 (GCC 11-64) (first AC) · Tags: *special, implementation, math
[slenbol's solution](#)

640.

1663A

[Who Tested?](#) · [Tutorial](#)

Quality: 10,892 global accepts · Rating: — · first AC: 2022-04-01 · C++20 (GCC 11-64) (first AC) · Tags: *special, expression parsing, trees
[slenbol's solution](#)