



Competitive Programming



Methods to Solve (2000-present)

Use these filters to narrow down your next problem to solve:

OJ: , Topic: , Quality:

Online Judge shown: Both

Problem topics shown: All Complete Search-related Sections : Note that some problems in categories that are 'Complete Search-related' may not be necessarily Complete Search problems.

Problem Quality: Starred

Number of problems shown (initially in CP4 order): 122

Information is up to date as of 10 February 2022

You can now sort these problems based on Distinct ACcepted Users (DACU) column.



Generally, problems with high DACU are the easier problems.

























Note that we only update DACU column manually (not a live data).

























Note: Column Point is only relevant for Kattis online judge.

























Show entries

























Search:

























Both OJ	Problem Title	CP4
00165	 Stamps	3.2a, Pre-calculate-able
00750	 8 Queens Chess Problem	3.2a, Pre-calculate-able

Both OJ	Problem Title	CP4
10128	 Queue	3.2a, Pre-calculate-able
10276	 Hanoi Tower Troubles Again...	3.2a, Pre-calculate-able
cardtrick2	 cardtrick2	3.2a, Pre-calculate-able
foolingaround	 foolingaround	3.2a, Pre-calculate-able
sgcoin	 sgcoin	3.2a, Pre-calculate-able
00592	 Island of Logic	3.2b, Iterative (Two Loops)
01588	 Kickdown	3.2b, Iterative (Two Loops)
12488	 Start Grid	3.2b, Iterative (Two Loops)
blackfriday	 blackfriday	3.2b, Iterative (Two Loops)
closestsums	 closestsums	3.2b, Iterative (Two Loops)
golombrulers	 golombrulers	3.2b, Iterative (Two Loops)
00441	 Lotto	3.2c, Three+ Nested Loops, E
00735	 Dart-a-Mania	3.2c, Three+ Nested Loops, E
12515	 Movie Police	3.2c, Three+ Nested Loops, E
12844	 Outwitting the Weighing Ma...	3.2c, Three+ Nested Loops, E
cudoviste	 cudoviste	3.2c, Three+ Nested Loops, E
npuzzle	 npuzzle	3.2c, Three+ Nested Loops, E
set	 set	3.2c, Three+ Nested Loops, E
00386	 Perfect Cubes	3.2d, Three+ Nested Loops, H
10660	 Citizen attention offices	3.2d, Three+ Nested Loops, H
11236	 Grocery store	3.2d, Three+ Nested Loops, H
11804	 Argentina	3.2d, Three+ Nested Loops, H
calculatingdartscores	 calculatingdartscores	3.2d, Three+ Nested Loops, H
lektira	 lektira	3.2d, Three+ Nested Loops, H

Both OJ	Problem Title	CP4
tautology	 tautology	3.2d, Three+ Nested Loops, H
00234	 Switching Channels	3.2e, Iterative (Permutation)
01064	 Network	3.2e, Iterative (Permutation)
11742	 Social Constraints	3.2e, Iterative (Permutation)
12249	 Overlapping Scenes	3.2e, Iterative (Permutation)
dancerecital	 dancerecital	3.2e, Iterative (Permutation)
dreamer	 dreamer	3.2e, Iterative (Permutation)
veci	 veci	3.2e, Iterative (Permutation)
00639	 Don't Get Rooked	3.2f, Iterative (Combination)
01047	 Zones	3.2f, Iterative (Combination)
11659	 Informants	3.2f, Iterative (Combination)
12694	 Meeting Room Arrangement	3.2f, Iterative (Combination)
geppetto	 geppetto	3.2f, Iterative (Combination)
squaredeal	 squaredeal	3.2f, Iterative (Combination)
zgrade	 zgrade	3.2f, Iterative (Combination)
00188	 Perfect Hash	3.2g, Try All Answers
00725	 Division	3.2g, Try All Answers
10908	 Largest Square	3.2g, Try All Answers
communication	 communication	3.2g, Try All Answers
flexible	 flexible	3.2g, Try All Answers
islands	 islands	3.2g, Try All Answers
walls	 walls	3.2g, Try All Answers
00382	 Perfection	3.2h, Math Simulation, Easier
01225	 Digit Counting	3.2h, Math Simulation, Easier

Both OJ	Problem Title	CP4
10346	 Peter's Smokes	3.2h, Math Simulation, Easier
easiest	 easiest	3.2h, Math Simulation, Easier
growlinggears	 growlinggears	3.2h, Math Simulation, Easier
trollhunt	 trollhunt	3.2h, Math Simulation, Easier
videospeedup	 videospeedup	3.2h, Math Simulation, Easier
00616	 Coconuts, Revisited	3.2i, Math Simulation, Harder
11130	 Billiard bounces	3.2i, Math Simulation, Harder
11254	 Consecutive Integers	3.2i, Math Simulation, Harder
11490	 Just Another Problem	3.2i, Math Simulation, Harder
crackingrsa	 crackingrsa	3.2i, Math Simulation, Harder
falling	 falling	3.2i, Math Simulation, Harder
thanosthehero	 thanosthehero	3.2i, Math Simulation, Harder
00151	 Power Crisis	3.2j, Josephus Problem
01176	 A Benevolent Josephus	3.2j, Josephus Problem
10774	 Repeated Josephus	3.2j, Josephus Problem
11351	 Last Man Standing	3.2j, Josephus Problem
eenymeeny	 eenymeeny	3.2j, Josephus Problem
musicalchairs	 musicalchairs	3.2j, Josephus Problem
toys	 toys	3.2j, Josephus Problem
00729	 The Hamming Distance Probl...	3.2k, Backtracking (Easier)
10344	 23 out of 5	3.2k, Backtracking (Easier)
10576	 Y2K Accounting Bug	3.2k, Backtracking (Easier)
12840	 The Archery Puzzle	3.2k, Backtracking (Easier)
goodmorning	 goodmorning	3.2k, Backtracking (Easier)

Both OJ	Problem Title	CP4
<i>natjecanje</i>	 natjecanje	<i>3.2k, Backtracking (Easier)</i>
<i>paintings</i>	 paintings	<i>3.2k, Backtracking (Easier)</i>
<i>00208</i>	 Firetruck	<i>3.2l, Backtracking (Harder)</i>
<i>00222</i>	 Budget Travel	<i>3.2l, Backtracking (Harder)</i>
<i>00307</i>	 Sticks	<i>3.2l, Backtracking (Harder)</i>
<i>01262</i>	 Password	<i>3.2l, Backtracking (Harder)</i>
<i>dobra</i>	 dobra	<i>3.2l, Backtracking (Harder)</i>
<i>fruitbaskets</i>	 fruitbaskets	<i>3.2l, Backtracking (Harder)</i>
<i>pagelayout</i>	 pagelayout	<i>3.2l, Backtracking (Harder)</i>
<i>00711</i>	 Dividing up	<i>8.2a, Harder Backtracking</i>
<i>01052</i>	 Bit Compressor	<i>8.2a, Harder Backtracking</i>
<i>11090</i>	 Going in Cycle!!	<i>8.2a, Harder Backtracking</i>
<i>11451</i>	 Water restrictions	<i>8.2a, Harder Backtracking</i>
<i>11699</i>	 Rooks	<i>8.2a, Harder Backtracking</i>
<i>committeeassignment</i>	 committeeassignment	<i>8.2a, Harder Backtracking</i>
<i>greatswercporto</i>	 greatswercporto	<i>8.2a, Harder Backtracking</i>
<i>holeynqueensbatman</i>	 holeynqueensbatman	<i>8.2a, Harder Backtracking</i>
<i>01600</i>	 Patrol Robot	<i>8.2b, State-Space, BFS, E</i>
<i>10047</i>	 The Monocycle	<i>8.2b, State-Space, BFS, E</i>
<i>11513</i>	 9 Puzzle	<i>8.2b, State-Space, BFS, E</i>
<i>12135</i>	 Switch Bulbs	<i>8.2b, State-Space, BFS, E</i>
<i>ecoins</i>	 ecoins	<i>8.2b, State-Space, BFS, E</i>
<i>flipfive</i>	 flipfive	<i>8.2b, State-Space, BFS, E</i>
<i>safe</i>	 safe	<i>8.2b, State-Space, BFS, E</i>

Both OJ	Problem Title	CP4
11198	 Dancing Digits	8.2c, State-Space, BFS, H
11212	 Editing a Book	8.2c, State-Space, BFS, H
11329	 Curious Fleas	8.2c, State-Space, BFS, H
12445	 Happy 12	8.2c, State-Space, BFS, H
keyboard	 keyboard	8.2c, State-Space, BFS, H
robotmaze	 robotmaze	8.2c, State-Space, BFS, H
robotturtles	 robotturtles	8.2c, State-Space, BFS, H
00658	 It's not a Bug, it's a Fea...	8.2d, State-Space, Dijkstra
01048	 Low Cost Air Travel	8.2d, State-Space, Dijkstra
01057	 Routing.	8.2d, State-Space, Dijkstra
10269	 Adventure of Super Mario	8.2d, State-Space, Dijkstra
bumped	 bumped	8.2d, State-Space, Dijkstra
destinationunknown	 destinationunknown	8.2d, State-Space, Dijkstra
00989	 Su Doku	8.6a, NP-hard/C, small, E
11088	 End up with More Teams	8.6a, NP-hard/C, small, E
12455	 Bars	8.6a, NP-hard/C, small, E
equalsumseasy	 equalsumseasy	8.6a, NP-hard/C, small, E
flowfree	 flowfree	8.6a, NP-hard/C, small, E
font	 font	8.6a, NP-hard/C, small, E
socialadvertising	 socialadvertising.	8.6a, NP-hard/C, small, E
00652	 Eight	9.asta, A* or IDA*
00656	 Optimal Programs	9.asta, A* or IDA*
10181	 15-Puzzle Problem	9.asta, A* or IDA*
11163	 Jaguar King.	9.asta, A* or IDA*

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