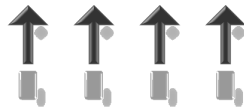




Competitive Programming



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: Chapter 2 : Data Structures and Libraries only

Problem Quality: Starred

Number of problems shown (initially in CP4 order): 165

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
12150	 Pole Position	2.2a, 1D Array, Medium
12356	 Army Buddies	2.2a, 1D Array, Medium
13181	 Sleeping in hostels	2.2a, 1D Array, Medium

























Both OJ	Problem Title	CP4
<i>baloni</i>	 <i>baloni</i>	<i>2.2a, 1D Array, Medium</i>
<i>downtime</i>	 <i>downtime</i>	<i>2.2a, 1D Array, Medium</i>
<i>greedilyincreasing</i>	 <i>greedilyincreasing</i>	<i>2.2a, 1D Array, Medium</i>
<i>jollyjumpers</i>	 <i>jollyjumpers</i>	<i>2.2a, 1D Array, Medium</i>
<i>10978</i>	 <i>Let's Play Magic!</i>	<i>2.2b, 1D Array, Harder</i>
<i>11222</i>	 <i>Only I did it!</i>	<i>2.2b, 1D Array, Harder</i>
<i>12662</i>	 <i>Good Teacher</i>	<i>2.2b, 1D Array, Harder</i>
<i>13048</i>	 <i>Burger Stand</i>	<i>2.2b, 1D Array, Harder</i>
<i>divideby100</i>	 <i>divideby100</i>	<i>2.2b, 1D Array, Harder</i>
<i>mastermind</i>	 <i>mastermind</i>	<i>2.2b, 1D Array, Harder</i>
<i>pivot</i>	 <i>pivot</i>	<i>2.2b, 1D Array, Harder</i>
<i>11581</i>	 <i>Grid Successors</i>	<i>2.2c, 2D Array, Easier</i>
<i>12187</i>	 <i>Brothers</i>	<i>2.2c, 2D Array, Easier</i>
<i>12667</i>	 <i>Last Blood</i>	<i>2.2c, 2D Array, Easier</i>
<i>epigdanceoff</i>	 <i>epigdanceoff</i>	<i>2.2c, 2D Array, Easier</i>
<i>flowshop</i>	 <i>flowshop</i>	<i>2.2c, 2D Array, Easier</i>
<i>imageprocessing</i>	 <i>imageprocessing</i>	<i>2.2c, 2D Array, Easier</i>
<i>nineknights</i>	 <i>nineknights</i>	<i>2.2c, 2D Array, Easier</i>
<i>00466</i>	 <i>Mirror, Mirror</i>	<i>2.2d, 2D Array, Harder</i>
<i>11360</i>	 <i>Have Fun with Matrices</i>	<i>2.2d, 2D Array, Harder</i>
<i>12291</i>	 <i>Polyomino Composer</i>	<i>2.2d, 2D Array, Harder</i>
<i>2048</i>	 <i>2048</i>	<i>2.2d, 2D Array, Harder</i>
<i>flagquiz</i>	 <i>flagquiz</i>	<i>2.2d, 2D Array, Harder</i>
<i>funhouse</i>	 <i>funhouse</i>	<i>2.2d, 2D Array, Harder</i>



















Both OJ	Problem Title	CP4
rings2	 rings2	2.2d, 2D Array, Harder
10107	 What is the Median?	2.2e, Sorting, Easier
12541	 Birthdates	2.2e, Sorting, Easier
12709	 Falling Ants	2.2e, Sorting, Easier
basicprogramming2	 basicprogramming2	2.2e, Sorting, Easier
height	 height	2.2e, Sorting, Easier
mjehuric	 mjehuric	2.2e, Sorting, Easier
sidewaysorting	 sidewaysorting.	2.2e, Sorting, Easier
01610	 Party Games	2.2f, Sorting, Harder
10258	 Contest Scoreboard	2.2f, Sorting, Harder
11321	 Sort! Sort!! and Sort!!!	2.2f, Sorting, Harder
classy	 classy	2.2f, Sorting, Harder
dyslectionary	 dyslectionary	2.2f, Sorting, Harder
musicyourway	 musicyourway	2.2f, Sorting, Harder
sortofsorting	 sortofsorting.	2.2f, Sorting, Harder
00612	 DNA Sorting	2.2g, Special Sorting
11462	 Age Sort	2.2g, Special Sorting
11495	 Bubbles and Buckets	2.2g, Special Sorting
13212	 How many inversions?	2.2g, Special Sorting
bread	 bread	2.2g, Special Sorting
mali	 mali	2.2g, Special Sorting
10264	 The Most Potent Corner	2.2h, Bit Manipulation
11933	 Splitting Numbers	2.2h, Bit Manipulation
12571	 Brother & Sisters!	2.2h, Bit Manipulation

Both OJ	Problem Title	CP4
12720	 Algorithm of Phil	2.2h, Bit Manipulation
bitbybit	 bitbybit	2.2h, Bit Manipulation
deathstar	 deathstar	2.2h, Bit Manipulation
snapperhard	 snapperhard	2.2h, Bit Manipulation
00713	 Adding Reversed Numbers	2.2i, Big Integer
10523	 Very Easy !!!	2.2i, Big Integer
10925	 Krakovia	2.2i, Big Integer
11879	 Multiple of 17	2.2i, Big Integer
primaryarithmetic	 primaryarithmetic	2.2i, Big Integer
simpleaddition	 simpleaddition	2.2i, Big Integer
wizardofodds	 wizardofodds	2.2i, Big Integer
00514	 Rails	2.2j, Stack
01062	 Containers	2.2j, Stack
13055	 Inception	2.2j, Stack
evenup	 evenup	2.2j, Stack
pairingsocks	 pairingsocks	2.2j, Stack
restaurant	 restaurant	2.2j, Stack
throws	 throws	2.2j, Stack
00551	 Nesting a Bunch of Bracket...	2.2k, Stack-based Problems
00673	 Parentheses Balance	2.2k, Stack-based Problems
00727	 Equation	2.2k, Stack-based Problems
11111	 Generalized Matrioshkas	2.2k, Stack-based Problems
bungeebuilder	 bungeebuilder	2.2k, Stack-based Problems
circuitmath	 circuitmath	2.2k, Stack-based Problems

Both OJ	Problem Title	CP4
<i>delimitersoup</i>	 <i>delimitersoup</i>	<i>2.2k, Stack-based Problems</i>
<i>10172</i>	 <i>The Lonesome Cargo Distrib...</i>	<i>2.2l, List/Queue/Deque</i>
<i>11988</i>	 <i>Broken Keyboard (a.k.a. Be...</i>	<i>2.2l, List/Queue/Deque</i>
<i>12108</i>	 <i>Extraordinarily Tired Stud...</i>	<i>2.2l, List/Queue/Deque</i>
<i>integerlists</i>	 <i>integerlists</i>	<i>2.2l, List/Queue/Deque</i>
<i>joinstrings</i>	 <i>joinstrings</i>	<i>2.2l, List/Queue/Deque</i>
<i>sim</i>	 <i>sim</i>	<i>2.2l, List/Queue/Deque</i>
<i>teque</i>	 <i>teque</i>	<i>2.2l, List/Queue/Deque</i>
<i>01203</i>	 <i>Argus</i>	<i>2.3a, Priority Queue</i>
<i>11997</i>	 <i>K Smallest Sums</i>	<i>2.3a, Priority Queue</i>
<i>13190</i>	 <i>Rockabye Toby</i>	<i>2.3a, Priority Queue</i>
<i>jugglingpatterns</i>	 <i>jugglingpatterns</i>	<i>2.3a, Priority Queue</i>
<i>knigsoftheforest</i>	 <i>knigsoftheforest</i>	<i>2.3a, Priority Queue</i>
<i>numbertree</i>	 <i>numbertree</i>	<i>2.3a, Priority Queue</i>
<i>stockprices</i>	 <i>stockprices</i>	<i>2.3a, Priority Queue</i>
<i>00499</i>	 <i>What's The Frequency, Kenn...</i>	<i>2.3b, DAT, ASCII</i>
<i>11340</i>	 <i>Newspaper</i>	<i>2.3b, DAT, ASCII</i>
<i>11577</i>	 <i>Letter Frequency</i>	<i>2.3b, DAT, ASCII</i>
<i>12626</i>	 <i>I ❤️ Pizza</i>	<i>2.3b, DAT, ASCII</i>
<i>alphabetspam</i>	 <i>alphabetspam</i>	<i>2.3b, DAT, ASCII</i>
<i>quickbrownfox</i>	 <i>quickbrownfox</i>	<i>2.3b, DAT, ASCII</i>
<i>soundex</i>	 <i>soundex</i>	<i>2.3b, DAT, ASCII</i>
<i>01368</i>	 <i>DNA Consensus String</i>	<i>2.3c, DAT, Others</i>
<i>11203</i>	 <i>Can you decide it for ME?</i>	<i>2.3c, DAT, Others</i>

Both OJ	Problem Title	CP4
12650	 Dangerous Dive	2.3c, DAT, Others
bookingaroom	 bookingaroom	2.3c, DAT, Others
busnumbers	 busnumbers	2.3c, DAT, Others
freefood	 freefood	2.3c, DAT, Others
princesspeach	 princesspeach	2.3c, DAT, Others
10887	 Concatenation of Languages	2.3d, Hash Table (set)
12049	 Just Prune The List	2.3d, Hash Table (set)
13148	 A Giveaway	2.3d, Hash Table (set)
cd	 cd	2.3d, Hash Table (set)
esej	 esej	2.3d, Hash Table (set)
greetingcard	 greetingcard	2.3d, Hash Table (set)
shiritori	 shiritori	2.3d, Hash Table (set)
00902	 Password Search	2.3e, Hash Table (map), E
11348	 Exhibition	2.3e, Hash Table (map), E
11629	 Ballot evaluation	2.3e, Hash Table (map), E
competitivearcadebasketball	 competitivearcadebasketbal...	2.3e, Hash Table (map), E
conformity	 conformity	2.3e, Hash Table (map), E
grandpabernie	 grandpabernie	2.3e, Hash Table (map), E
recount	 recount	2.3e, Hash Table (map), E
00417	 Word Index	2.3f, Hash Table (map), H
10145	 Lock Manager	2.3f, Hash Table (map), H
11860	 Document Analyzer	2.3f, Hash Table (map), H
addingwords	 addingwords	2.3f, Hash Table (map), H
awkwardparty	 awkwardparty	2.3f, Hash Table (map), H

Both OJ	Problem Title	CP4
<i>basicinterpreter</i>	 basicinterpreter	2.3f, Hash Table (map), H
00978	 Lemmings Battle!	2.3g, Balanced BST (set)
10815	 Andy's First Dictionary	2.3g, Balanced BST (set)
11136	 Hoax or what	2.3g, Balanced BST (set)
13037	 Chocolate	2.3g, Balanced BST (set)
<i>bst</i>	 bst	2.3g, Balanced BST (set)
<i>candydivision</i>	 candydivision	2.3g, Balanced BST (set)
<i>compoundwords</i>	 compoundwords	2.3g, Balanced BST (set)
10138	 CDVII	2.3h, Balanced BST (map)
11308	 Bankrupt Baker	2.3h, Balanced BST (map)
12504	 Updating a Dictionary	2.3h, Balanced BST (map)
<i>administrativeproblems</i>	 administrativeproblems	2.3h, Balanced BST (map)
<i>doctorkattis</i>	 doctorkattis	2.3h, Balanced BST (map)
<i>kattissquest</i>	 kattissquest	2.3h, Balanced BST (map)
<i>srednji</i>	 srednji	2.3h, Balanced BST (map)
10909	 Lucky Number	2.3i, Order Statistics Tree
<i>babynames</i>	 babynames	2.3i, Order Statistics Tree
<i>continuousmedian</i>	 continuousmedian	2.3i, Order Statistics Tree
<i>cookieselection</i>	 cookieselection	2.3i, Order Statistics Tree
<i>gcpc</i>	 gcpc	2.3i, Order Statistics Tree
00599	 The Forrest for the Trees	2.4a, Graph Data Structures
10895	 Matrix Transpose	2.4a, Graph Data Structures
11550	 Demanding Dilemma	2.4a, Graph Data Structures
11991	 Easy Problem from Rujia Li...	2.4a, Graph Data Structures

Both OJ	Problem Title	CP4
<i>abinitio</i>	 abinitio	2.4a, Graph Data Structures
<i>chopwood</i>	 chopwood	2.4a, Graph Data Structures
<i>traveltheskies</i>	 traveltheskies	2.4a, Graph Data Structures
<i>01197</i>	 The Suspects	2.4b, Union-Find
<i>01329</i>	 Corporative Network	2.4b, Union-Find
<i>10608</i>	 Friends	2.4b, Union-Find
<i>10685</i>	 Nature	2.4b, Union-Find
<i>almostunionfind</i>	 almostunionfind	2.4b, Union-Find
<i>control</i>	 control	2.4b, Union-Find
<i>ladice</i>	 ladice	2.4b, Union-Find
<i>unionfind</i>	 unionfind	2.4b, Union-Find
<i>11402</i>	 Ahoy, Pirates!	2.4c, Tree-related DS
<i>11423</i>	 Cache Simulator	2.4c, Tree-related DS
<i>12299</i>	 RMQ with Shifts	2.4c, Tree-related DS
<i>fenwick</i>	 fenwick	2.4c, Tree-related DS
<i>justforsidekicks</i>	 justforsidekicks	2.4c, Tree-related DS
<i>moviecollection</i>	 moviecollection	2.4c, Tree-related DS
<i>supercomputer</i>	 supercomputer	2.4c, Tree-related DS

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