

Algorithms

(/problemset/algorithms/)

Database

(/problemset/database/)

Shell

(/problemset/shell/)

New

Concurrency

(/problemset/concurrency/)

All Problems

(/problemset/all/)

☰ Top 100 Liked Questions

(/problemset/top-100-liked-questions/)

☰ Top Amazon Questions

(/problemset/top-amazon-questions/)



☰ Top Facebook Questions

(/problemset/top-facebook-questions/)



☰ Top Google Questions

(/problemset/top-google-questions/)



☰ Top Interview Questions

(/problemset/top-interview-questions/)

☰ Top LinkedIn Questions

(/problemset/top-linkedin-questions/)



♥ Contribute Question

(/contribute/)

## ☐ Category - All

385/1340 Solved

-

Easy 127

Medium 199

Hard 59

Search question titles, description or IDs



Difficulty ▼

Status ▼

Lists ▼

Tags ▼

Depth-first Search ✕

#











Title











Solution














Acceptance











Difficulty

Frequency ⓘ








✓	200	Number of Islands (/problems/number-of-islands)	 (/articles/number-of-islands)	44.5%	Medium
✓	1192	Critical Connections in a Network (/problems/critical-connections-in-a-network)		48.2%	Hard
✓	301	Remove Invalid Parentheses (/problems/remove-invalid-parentheses)	 (/articles/remove-invalid-parentheses)	41.5%	Hard
✓	394	Decode String (/problems/decode-string)		47.8%	Medium
	332	Reconstruct Itinerary (/problems/reconstruct-itinerary)		33.8%	Medium
✓	124	Binary Tree Maximum Path Sum (/problems/binary-tree-maximum-path-sum)	 (/articles/binary-tree-maximum-path-sum)	32.1%	Hard
✓	547	Friend Circles (/problems/friend-circles)	 (/articles/friend-circles)	56.6%	Medium
	430	Flatten a Multilevel Doubly Linked List (/problems/flatten-a-multilevel-doubly-linked-list)	 (/articles/flatten-a-multilevel-doubly-linked-list)	48.2%	Medium
✓	199	Binary Tree Right Side View (/problems/binary-tree-right-side-view)	 (/articles/binary-tree-right-side-view)	51.3%	Medium
✓	98	Validate Binary Search Tree (/problems/validate-binary-search-tree)	 (/articles/validate-binary-search-tree)	27.0%	Medium
	364	Nested List Weight Sum II (/problems/nested-list-weight-sum-ii) 		61.0%	Medium
✓	210	Course Schedule II (/problems/course-schedule-ii)	 (/articles/course-schedule-ii)	37.8%	Medium
✓	863	All Nodes Distance K in Binary Tree (/problems/all-nodes-distance-k-in-binary-tree)	 (/articles/all-nodes-distance-k-in-binary-tree)	52.5%	Medium









✓	472	Concatenated Words (/problems/concatenated-words)		40.0%	Hard
✓	695	Max Area of Island (/problems/max-area-of-island)	 (/articles/max-area-of-island)	60.3%	Medium
✓	105	Construct Binary Tree from Preorder and Inorder Traversal (/problems/construct-binary-tree-from-preorder-and-inorder-traversal)	 (/articles/construct-binary-tree-from-preorder-and-inorder-tr)	45.3%	Medium
	679	24 Game (/problems/24-game)	 (/articles/24-game)	44.7%	Hard
	721	Accounts Merge (/problems/accounts-merge)	 (/articles/accounts-merge)	45.1%	Medium
✓	207	Course Schedule (/problems/course-schedule)		40.6%	Medium
✓	133	Clone Graph (/problems/clone-graph)	 (/articles/clone-graph)	31.1%	Medium
✓	733	Flood Fill (/problems/flood-fill)	 (/articles/flood-fill)	52.9%	Easy
✓	109	Convert Sorted List to Binary Search Tree (/problems/convert-sorted-list-to-binary-search-tree)	 (/articles/convert-sorted-list-to-binary-search-tree)	44.6%	Medium
	529	Minesweeper (/problems/minesweeper)		56.6%	Medium
	366	Find Leaves of Binary Tree (/problems/find-leaves-of-binary-tree) 		69.0%	Medium
✓	101	Symmetric Tree (/problems/symmetric-tree)	 (/articles/symmetric-tree)	45.5%	Easy
✓	329	Longest Increasing Path in a Matrix (/problems/longest-increasing-path-in-a-matrix)	 (/articles/longest-increasing-path-matrix)	42.0%	Hard

✓	99	Recover Binary Search Tree (/problems/recover-binary-search-tree)	 (/articles/recover-binary-search-tree)	37.2%	Hard
	417	Pacific Atlantic Water Flow (/problems/pacific-atlantic-water-flow)		39.2%	Medium
✓	490	The Maze (/problems/the-maze) 	 (/articles/the-maze)	50.0%	Medium
✓	785	Is Graph Bipartite? (/problems/is-graph-bipartite)	 (/articles/is-graph-bipartite)	45.8%	Medium
✓	114	Flatten Binary Tree to Linked List (/problems/flatten-binary-tree-to-linked-list)		46.1%	Medium
✓	694	Number of Distinct Islands (/problems/number-of-distinct-islands) 	 (/articles/number-of-distinct-islands)	54.1%	Medium
✓	116	Populating Next Right Pointers in Each Node (/problems/populating-next-right-pointers-in-each-node)	 (/articles/populating-next-right-pointers-in-each-node)	41.5%	Medium
	489	Robot Room Cleaner (/problems/robot-room-cleaner) 	 (/articles/robot-room-cleaner)	67.5%	Hard
	339	Nested List Weight Sum (/problems/nested-list-weight-sum) 	 (/articles/nested-list-weight-sum)	71.4%	Easy
	1110	Delete Nodes And Return Forest (/problems/delete-nodes-and-return-forest)		65.1%	Medium
✓	980	Unique Paths III (/problems/unique-paths-iii)	 (/articles/unique-paths-iii)	72.3%	Hard
✓	108	Convert Sorted Array to Binary Search Tree (/problems/convert-sorted-array-to-binary-search-tree)	 (/articles/convert-sorted-array-to-bst)	54.8%	Easy








✓	104	Maximum Depth of Binary Tree (/problems/maximum-depth-of-binary-tree)	 (/articles/maximum-depth-of-binary-tree)	63.8%	Easy
✓	261	Graph Valid Tree (/problems/graph-valid-tree) 		41.1%	Medium
✓	130	Surrounded Regions (/problems/surrounded-regions)	 (/articles/surrounded-regions)	25.2%	Medium
✓	117	Populating Next Right Pointers in Each Node II (/problems/populating-next-right-pointers-in-each-node-ii)	 (/articles/populating-next-right-pointers-in-each-node-ii)	36.9%	Medium
✓	257	Binary Tree Paths (/problems/binary-tree-paths)	 (/articles/binary-tree-paths)	48.8%	Easy
	1145	Binary Tree Coloring Game (/problems/binary-tree-coloring-game)		50.5%	Medium
	947	Most Stones Removed with Same Row or Column (/problems/most-stones-removed-with-same-row-or-column)	 (/articles/most-stones-removed-with-same-row-or-column)	55.0%	Medium
	1102	Path With Maximum Minimum Value (/problems/path-with-maximum-minimum-value) 		49.0%	Medium
✓	112	Path Sum (/problems/path-sum)	 (/articles/path-sum)	39.7%	Easy
	753	Cracking the Safe (/problems/cracking-the-safe) ★	 (/articles/cracking-the-safe)	49.3%	Hard
	488	Zuma Game (/problems/zuma-game)		40.3%	Hard
	1236	Web Crawler (/problems/web-crawler) 		64.2%	Medium





	1242	Web Crawler Multithreaded (/problems/web-crawler-multithreaded) 📄		43.2%	Medium
	839	Similar String Groups (/problems/similar-string-groups)	📄 (/articles/similar-string-groups)	36.7%	Hard
✓	113	Path Sum II (/problems/path-sum-ii)	📄 (/articles/path-sum-ii)	44.0%	Medium
✓	542	01 Matrix (/problems/01-matrix)	📄 (/articles/01-matrix)	38.1%	Medium
	494	Target Sum (/problems/target-sum)	📄 (/articles/target-sum)	46.2%	Medium
✓	337	House Robber III (/problems/house-robber-iii)		49.6%	Medium
	934	Shortest Bridge (/problems/shortest-bridge)	📄 (/articles/shortest-bridge)	46.0%	Medium
✓	110	Balanced Binary Tree (/problems/balanced-binary-tree)	📄 (/articles/balanced-binary-tree)	42.4%	Easy
✓	505	The Maze II (/problems/the-maze-ii) 📄	📄 (/articles/the-maze-ii)	46.3%	Medium
	979	Distribute Coins in Binary Tree (/problems/distribute-coins-in-binary-tree)	📄 (/articles/distribute-coins-in-binary-tree)	68.1%	Medium
	1203	Sort Items by Groups Respecting Dependencies (/problems/sort-items-by-groups-respecting-dependencies)		46.1%	Hard
✓	100	Same Tree (/problems/same-tree)	📄 (/articles/same-tree)	51.7%	Easy
	834	Sum of Distances in Tree (/problems/sum-of-distances-in-tree)	📄 (/articles/sum-of-distances-in-tree)	42.1%	Hard
	737	Sentence Similarity II (/problems/sentence-similarity-ii) 📄	📄 (/articles/sentence-similarity-ii)	44.9%	Medium








✓	743	Network Delay Time (/problems/network-delay-time)	 (/articles/network-delay-time)	45.2%	Medium
✓	106	Construct Binary Tree from Inorder and Postorder Traversal (/problems/construct-binary-tree-from-inorder-and-postorder-traversal)	 (/articles/construct-binary-tree-from-inorder-and-postorder-t)	42.8%	Medium
✓	323	Number of Connected Components in an Undirected Graph (/problems/number-of-connected-components-in-an-undirected-graph) 		54.1%	Medium
	1123	Lowest Common Ancestor of Deepest Leaves (/problems/lowest-common-ancestor-of-deepest-leaves)		65.7%	Medium
✓	515	Find Largest Value in Each Tree Row (/problems/find-largest-value-in-each-tree-row)		59.3%	Medium
	1245	Tree Diameter (/problems/tree-diameter) 		55.9%	Medium
✓	111	Minimum Depth of Binary Tree (/problems/minimum-depth-of-binary-tree)	 (/articles/minimum-depth-of-binary-tree)	36.5%	Easy
	968	Binary Tree Cameras (/problems/binary-tree-cameras)	 (/articles/binary-tree-cameras)	36.6%	Hard
	841	Keys and Rooms (/problems/keys-and-rooms)	 (/articles/keys-and-rooms)	62.6%	Medium
	1028	Recover a Tree From Preorder Traversal (/problems/recover-a-tree-from-preorder-traversal)		69.4%	Hard

✓	559	Maximum Depth of N-ary Tree (/problems/maximum-depth-of-n-ary-tree)	 (/articles/maximum-depth-of-n-ary-tree)	67.2%	Easy
	499	The Maze III (/problems/the-maze-iii) 		39.6%	Hard
	513	Find Bottom Left Tree Value (/problems/find-bottom-left-tree-value)		60.1%	Medium
	959	Regions Cut By Slashes (/problems/regions-cut-by-slashes)	 (/articles/regions-cut-by-slashes)	64.6%	Medium
	1026	Maximum Difference Between Node and Ancestor (/problems/maximum-difference-between-node-and-ancestor)		62.6%	Medium
	897	Increasing Order Search Tree (/problems/increasing-order-search-tree)	 (/articles/increasing-order-search-tree)	67.1%	Easy
	1034	Coloring A Border (/problems/coloring-a-border)		43.9%	Medium
	802	Find Eventual Safe States (/problems/find-eventual-safe-states)	 (/articles/find-eventual-safe-states)	46.8%	Medium
	491	Increasing Subsequences (/problems/increasing-subsequences)		43.7%	Medium
	690	Employee Importance (/problems/employee-importance)	 (/articles/employee-importance)	55.7%	Easy
	827	Making A Large Island (/problems/making-a-large-island)	 (/articles/making-a-large-island)	44.6%	Hard
	1254	Number of Closed Islands (/problems/number-of-closed-islands)		59.6%	Medium
	924	Minimize Malware Spread (/problems/minimize-malware-spread)	 (/articles/minimize-malware-spread)	41.5%	Hard



1061	Lexicographically Smallest Equivalent String (/problems/lexicographically-smallest-equivalent-string) 🔒		64.5%	Medium
685	Redundant Connection II (/problems/redundant-connection-ii)	 (/articles/redundant-connection-ii)	31.9%	Hard
1136	Parallel Courses (/problems/parallel-courses) 🔒		60.6%	Hard
439	Ternary Expression Parser (/problems/ternary-expression-parser) 🔒		55.0%	Medium
1020	Number of Enclaves (/problems/number-of-enclaves)		55.5%	Medium
778	Swim in Rising Water (/problems/swim-in-rising-water)	 (/articles/swim-in-rising-water)	50.4%	Hard
872	Leaf-Similar Trees (/problems/leaf-similar-trees)	 (/articles/leaf-similar-trees)	64.6%	Easy
129	Sum Root to Leaf Numbers (/problems/sum-root-to-leaf-numbers)		45.2%	Medium
664	Strange Printer (/problems/strange-printer)	 (/articles/strange-printer)	38.9%	Hard
546	Remove Boxes (/problems/remove-boxes)	 (/articles/remove-boxes)	40.2%	Hard
971	Flip Binary Tree To Match Preorder Traversal (/problems/flip-binary-tree-to-match-preorder-traversal)	 (/articles/flip-binary-tree-to-match-preorder-traversal)	44.5%	Medium
638	Shopping Offers (/problems/shopping-offers)	 (/articles/shopping-offers)	50.4%	Medium

473	Matchsticks to Square (/problems/matchsticks-to-square)	 (/articles/matchsticks-to-square)	36.8%	Medium
1080	Insufficient Nodes in Root to Leaf Paths (/problems/insufficient-nodes-in-root-to-leaf-paths)		46.7%	Medium
1302	Deepest Leaves Sum (/problems/deepest-leaves-sum)		84.0%	Medium
1315	Sum of Nodes with Even-Valued Grandparent (/problems/sum-of-nodes-with-even-valued-grandparent)		83.8%	Medium
1319	Number of Operations to Make Network Connected (/problems/number-of-operations-to-make-network-connected)		49.8%	Medium
1273	Delete Tree Nodes (/problems/delete-tree-nodes) 		62.0%	Medium
988	Smallest String Starting From Leaf (/problems/smallest-string-starting-from-leaf)	 (/articles/smallest-string-starting-from-leaf)	45.0%	Medium
928	Minimize Malware Spread II (/problems/minimize-malware-spread-ii)	 (/articles/minimize-malware-spread-ii)	40.0%	Hard
886	Possible Bipartition (/problems/possible-bipartition)	 (/articles/possible-bipartition)	42.0%	Medium
851	Loud and Rich (/problems/loud-and-rich)	 (/articles/loud-and-rich)	50.1%	Medium
756	Pyramid Transition Matrix (/problems/pyramid-transition-matrix)	 (/articles/pyramid-transition-matrix)	53.5%	Medium

749	Contain Virus (/problems/contain-virus)	 (/articles/contain-virus)	42.8%	Hard
711	Number of Distinct Islands II (/problems/number-of-distinct-islands-ii) 	 (/articles/number-of-distinct-islands-ii)	48.0%	Hard
576	Out of Boundary Paths (/problems/out-of-boundary-paths)	 (/articles/out-of-boundary-paths)	33.6%	Medium
533	Lonely Pixel II (/problems/lonely-pixel-ii) 		47.3%	Medium
531	Lonely Pixel I (/problems/lonely-pixel-i) 		58.3%	Medium
514	Freedom Trail (/problems/freedom-trail)		41.7%	Hard
1059	All Paths from Source Lead to Destination (/problems/all-paths-from-source-lead-to-destination) 		45.4%	Medium

all  rows per page.

## Topics

Array <b>222</b> (/tag/array/)	Dynamic Programming <b>182</b> (/tag/dynamic-programming/)	Math <b>167</b> (/tag/math/)
String <b>157</b> (/tag/string/)	Tree <b>128</b> (/tag/tree/)	Hash Table <b>122</b> (/tag/hash-table/)
Depth-first Search <b>117</b> (/tag/depth-first-search/)	Binary Search <b>83</b> (/tag/binary-search/)	Greedy <b>71</b> (/tag/greedy/)
Breadth-first Search <b>64</b> (/tag/breadth-first-search/)	Two Pointers <b>60</b> (/tag/two-pointers/)	Stack <b>54</b> (/tag/stack/)
Backtracking <b>53</b> (/tag/backtracking/)	Design <b>43</b> (/tag/design/)	Bit Manipulation <b>42</b> (/tag/bit-manipulation/)
Sort <b>41</b> (/tag/sort/)	Graph <b>39</b> (/tag/graph/)	Linked List <b>37</b> (/tag/linked-list/)
		Heap <b>34</b> (/tag/heap/)

Show More 

## Companies

Google 769 (/company/google/)	Amazon 646 (/company/amazon/)	Facebook 456 (/company/facebook/)	
Microsoft 420 (/company/microsoft/)	Apple 283 (/company/apple/)	Uber 282 (/company/uber/)	
Bloomberg 271 (/company/bloomberg/)	Adobe 183 (/company/adobe/)	Oracle 151 (/company/oracle/)	
LinkedIn 135 (/company/linkedin/)	Yahoo 107 (/company/yahoo/)	Goldman Sachs 85 (/company/goldman-sachs/)	
Snapchat 82 (/company/snapchat/)	Twitter 79 (/company/twitter/)	Walmart Labs 73 (/company/walmart-labs/)	
VMware 66 (/company/vmware/)	Airbnb 63 (/company/airbnb/)	Salesforce 61 (/company/salesforce/)	
eBay 60 (/company/ebay/)	Lyft 52 (/company/lyft/)	Cisco 51 (/company/cisco/)	Alibaba 48 (/company/alibaba/)
ByteDance 47 (/company/bytedance/)	Expedia 47 (/company/expedia/)	Yelp 40 (/company/yelp/)	
Baidu 38 (/company/baidu/)	Paypal 38 (/company/paypal/)	Pinterest 38 (/company/pinterest/)	
Yandex 38 (/company/yandex/)	Zillow 36 (/company/zillow/)	Mathworks 35 (/company/mathworks/)	
Atlassian 33 (/company/atlassian/)	Visa 31 (/company/visa/)	Quora 30 (/company/quora/)	
Tencent 30 (/company/tencent/)	Nutanix 29 (/company/nutanix/)	SAP 29 (/company/sap/)	
Citadel 26 (/company/citadel/)	Intuit 26 (/company/intuit/)	Qualtrics 24 (/company/qualtrics/)	
Dropbox 23 (/company/dropbox/)	Zenefits 23 (/company/zenefits/)	Wish 22 (/company/wish/)	
JPMorgan 21 (/company/jpmorgan/)	Palantir Technologies 21 (/company/palantir-technologies/)		
Pocket Gems 21 (/company/pocket-gems/)	Wayfair 21 (/company/wayfair/)	Indeed 20 (/company/indeed/)	
Two Sigma 20 (/company/two-sigma/)	Hulu 19 (/company/hulu/)	Samsung 19 (/company/samsung/)	
Square 19 (/company/square/)	Akuna Capital 18 (/company/akuna-capital/)	GoDaddy 18 (/company/godaddy/)	
DoorDash 17 (/company/doordash/)	Houzz 17 (/company/houzz/)	Coursera 16 (/company/coursera/)	
IXL 16 (/company/ixl/)	Nvidia 16 (/company/nvidia/)	TripAdvisor 16 (/company/tripadvisor/)	

Show More 

Copyright © 2020 LeetCode

[Help Center \(/support/\)](/support/) | [Terms \(/terms/\)](/terms/) | [Privacy Policy \(/privacy/\)](/privacy/)

 [United States \(/region/\)](/region/)