🔖 Breadth-first Search

You have solved **3 / 78** problems.

☑️ Show problem tags

#	Title	Tags	Acceptance	Difficulty	Frequency ❓
200	Number of Islands (/problem...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Union Find (/tag/union-find) Google (/company/google) Facebook (/company/facebook) Microsoft (/company/microsoft) Amazon (/company/amazon) Zenefits (/company/zenefits)	48.2%	Medium	
127	Word Ladder (/problems/wor...	Breadth-first Search (/tag/breadth-first-search) Facebook (/company/facebook) Amazon (/company/amazon) LinkedIn (/company/linkedin) Snapchat (/company/snapchat) Yelp (/company/yelp)	30.9%	Medium	
199	Binary Tree Right Side View (...	Tree (/tag/tree) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Amazon (/company/amazon)	55.4%	Medium	
1197	Minimum Knight Moves (/pro... 🔓	Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	36.8%	Medium	

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994	Rotting Oranges (/problems/r...	Breadth-first Search (/tag/breadth-first-search) Amazon (/company/amazon)	49.3%	Medium	
301	Remove Invalid Parentheses ...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Facebook (/company/facebook)	44.2%	Hard	
103	Binary Tree Zigzag Level Ord...	Stack (/tag/stack) Tree (/tag/tree) Breadth-first Search (/tag/breadth-first-search) Microsoft (/company/microsoft) Bloomberg (/company/bloomberg) LinkedIn (/company/linkedin)	49.5%	Medium	
✔ 863	All Nodes Distance K in Binar...	Tree (/tag/tree) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Amazon (/company/amazon)	57.1%	Medium	
279	Perfect Squares (/problems/...	Math (/tag/math) Dynamic Programming (/tag/dynamic-programming) Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	48.4%	Medium	
210	Course Schedule II (/problem...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Graph (/tag/graph) Topological Sort (/tag/topological-sort) Facebook (/company/facebook) Zenefits (/company/zenefits)	41.9%	Medium	
207	Course Schedule (/problems/...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Graph (/tag/graph)	44.0%	Medium	

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		Topological Sort (/tag/topological-sort) · Uber (/company/uber)				
		Apple (/company/apple) · Zenefits (/company/zenefits)				
		Yelp (/company/yelp)				
909	Snakes and Ladders (/proble...	Breadth-first Search (/tag/breadth-first-search) · Google (/company/google)		39.0%	Medium	
133	Clone Graph (/problems/clon...	Depth-first Search (/tag/depth-first-search) · Breadth-first Search (/tag/breadth-first-search) · Graph (/tag/graph) · Google (/company/google) · Facebook (/company/facebook) · Uber (/company/uber) · Pocket Gems (/company/pocket-gems)		37.9%	Medium	
1242	Web Crawler Multithreaded (... 🔓	Depth-first Search (/tag/depth-first-search) · Breadth-first Search (/tag/breadth-first-search) · Facebook (/company/facebook) · Dropbox (/company/dropbox)		47.3%	Medium	
✔ 101	Symmetric Tree (/problems/s...	Tree (/tag/tree) · Depth-first Search (/tag/depth-first-search) · Breadth-first Search (/tag/breadth-first-search) · Microsoft (/company/microsoft) · Bloomberg (/company/bloomberg) · LinkedIn (/company/linkedin)		47.7%	Easy	
1293	Shortest Path in a Grid with ...	Breadth-first Search (/tag/breadth-first-search) · Google (/company/google)		42.7%	Hard	
529	Minesweeper (/problems/min...	Depth-first Search (/tag/depth-first-search) · Breadth-first Search (/tag/breadth-first-search)		60.4%	Medium	

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126	Word Ladder II (/problems/w...)	Array (/tag/array) · String (/tag/string) · Backtracking (/tag/backtracking) · Breadth-first Search (/tag/breadth-first-search) · Amazon (/company/amazon) · Yelp (/company/yelp)	23.1%	Hard	
102	Binary Tree Level Order Trav...	Tree (/tag/tree) · Breadth-first Search (/tag/breadth-first-search) · Facebook (/company/facebook) · Microsoft (/company/microsoft) · Amazon (/company/amazon) · Bloomberg (/company/bloomberg) · LinkedIn (/company/linkedin) · Apple (/company/apple)	55.9%	Medium	
417	Pacific Atlantic Water Flow (/...)	Depth-first Search (/tag/depth-first-search) · Breadth-first Search (/tag/breadth-first-search) · Google (/company/google)	42.0%	Medium	
314	Binary Tree Vertical Order Tr... 🔓	Depth-first Search (/tag/depth-first-search) · Breadth-first Search (/tag/breadth-first-search) · Google (/company/google) · Facebook (/company/facebook) · Snapchat (/company/snapchat)	46.5%	Medium	
✔ 1091	Shortest Path in Binary Matri...	Breadth-first Search (/tag/breadth-first-search)	38.8%	Medium	
286	Walls and Gates (/problems/...) 🔓	Breadth-first Search (/tag/breadth-first-search) · Google (/company/google) · Facebook (/company/facebook)	55.7%	Medium	
130	Surrounded Regions (/proble...)	Depth-first Search (/tag/depth-first-search) · Breadth-first Search (/tag/breadth-first-search)	28.9%	Medium	

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		Union Find (/tag/union-find)			
815	Bus Routes (/problems/bus-r...	Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	43.1%	Hard	
785	Is Graph Bipartite? (/problem...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Graph (/tag/graph) Facebook (/company/facebook)	48.0%	Medium	
864	Shortest Path to Get All Keys...	Heap (/tag/heap) Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	41.3%	Hard	
752	Open the Lock (/problems/o...	Breadth-first Search (/tag/breadth-first-search)	52.4%	Medium	
934	Shortest Bridge (/problems/s...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) McKinsey (/company/mckinsey)	49.3%	Medium	
107	Binary Tree Level Order Trav...	Tree (/tag/tree) Breadth-first Search (/tag/breadth-first-search)	54.6%	Easy	
317	Shortest Distance from All B... 🔓	Breadth-first Search (/tag/breadth-first-search) Google (/company/google) Zenefits (/company/zenefits)	42.3%	Hard	
407	Trapping Rain Water II (/probl...	Heap (/tag/heap) Breadth-first Search (/tag/breadth-first-search) Google (/company/google) Twitter (/company/twitter)	43.5%	Hard	
787	Cheapest Flights Within K St...	Dynamic Programming (/tag/dynamic-programming) Heap (/tag/heap) Breadth-first Search (/tag/breadth-first-search)	39.4%	Medium	

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913	Cat and Mouse (/problems/c...	Breadth-first Search (/tag/breadth-first-search) Minimax (/tag/minimax) Google (/company/google)	33.8%	Hard	
542	01 Matrix (/problems/01-ma...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	40.4%	Medium	
323	Number of Connected Comp... 🔓	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Union Find (/tag/union-find) Graph (/tag/graph) Google (/company/google) Twitter (/company/twitter)	57.1%	Medium	
116	Populating Next Right Pointe...	Tree (/tag/tree) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Microsoft (/company/microsoft)	48.0%	Medium	
1236	Web Crawler (/problems/web... 🔓	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Facebook (/company/facebook) Dropbox (/company/dropbox)	64.4%	Medium	
1368	Minimum Cost to Make at Le...	Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	56.0%	Hard	
773	Sliding Puzzle (/problems/sli...	Breadth-first Search (/tag/breadth-first-search) Airbnb (/company/airbnb)	60.3%	Hard	

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490	The Maze (/problems/the-ma...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	52.3%	Medium	
1036	Escape a Large Maze (/probl...	Breadth-first Search (/tag/breadth-first-search) Uipath (/company/uipath)	35.0%	Hard	
854	K-Similar Strings (/problems/...	Breadth-first Search (/tag/breadth-first-search) Graph (/tag/graph) Google (/company/google)	38.3%	Hard	
1162	As Far from Land as Possible...	Breadth-first Search (/tag/breadth-first-search) Graph (/tag/graph) Uipath (/company/uipath)	44.5%	Medium	
1245	Tree Diameter (/problems/tre...	Tree (/tag/tree) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	61.0%	Medium	
993	Cousins in Binary Tree (/prob...	Tree (/tag/tree) Breadth-first Search (/tag/breadth-first-search) Bloomberg (/company/bloomberg)	52.1%	Easy	
1519	Number of Nodes in the Sub...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Uber (/company/uber) Samsung (/company/samsung)	36.6%	Medium	
743	Network Delay Time (/proble...	Heap (/tag/heap) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Graph (/tag/graph)	45.2%	Medium	

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310	Minimum Height Trees (/prob...	Breadth-first Search (/tag/breadth-first-search) Graph (/tag/graph) Google (/company/google)	34.3%	Medium	
1345	Jump Game IV (/problems/ju...	Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	40.3%	Hard	
847	Shortest Path Visiting All No...	Dynamic Programming (/tag/dynamic-programming) Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	53.0%	Hard	
515	Find Largest Value in Each Tr...	Tree (/tag/tree) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) LinkedIn (/company/linkedin)	61.8%	Medium	
1391	Check if There is a Valid Path...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Robinhood (/company/robinhood)	45.0%	Medium	
261	Graph Valid Tree (/problems/... 🔓	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Union Find (/tag/union-find) Graph (/tag/graph) Google (/company/google) Facebook (/company/facebook) Zenefits (/company/zenefits)	42.8%	Medium	
690	Employee Importance (/probl...	Hash Table (/tag/hash-table) Depth-first Search (/tag/depth-first-search)	58.1%	Easy	

Akuna Capital (/company/akuna-capital)

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675	Cut Off Trees for Golf Event (...	Breadth-first Search (/tag/breadth-first-search) Amazon (/company/amazon)	34.9%	Hard	
505	The Maze II (/problems/the-...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	48.2%	Medium	
1485	Clone Binary Tree With Rand...	Hash Table (/tag/hash-table) Tree (/tag/tree) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Amazon (/company/amazon)	80.1%	Medium	
111	Minimum Depth of Binary Tre...	Tree (/tag/tree) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search)	39.0%	Easy	
499	The Maze III (/problems/the-...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search)	42.0%	Hard	
1161	Maximum Level Sum of a Bin...	Tree (/tag/tree) Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	70.6%	Medium	
1319	Number of Operations to Ma...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Union Find (/tag/union-find) Akuna Capital (/company/akuna-capital)	54.6%	Medium	
967	Numbers With Same Consec...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search)	44.2%	Medium	

Breadth-first Search (/tag/breadth-first-search) Uber (/company/uber)

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		Flipkart (/company/flipkart)			
559	Maximum Depth of N-ary Tre...	Tree (/tag/tree) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search)	69.2%	Easy	
1129	Shortest Path with Alternatin...	Breadth-first Search (/tag/breadth-first-search) Graph (/tag/graph) Amazon (/company/amazon)	39.8%	Medium	
429	N-ary Tree Level Order Trave...	Tree (/tag/tree) Breadth-first Search (/tag/breadth-first-search)	66.1%	Medium	
1311	Get Watched Videos by Your ...	Hash Table (/tag/hash-table) String (/tag/string) Breadth-first Search (/tag/breadth-first-search) Amazon (/company/amazon)	43.8%	Medium	
1490	Clone N-ary Tree (/problems/... 🔓	Hash Table (/tag/hash-table) Tree (/tag/tree) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Amazon (/company/amazon)	83.9%	Medium	
1306	Jump Game III (/problems/ju...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Recursion (/tag/recursion) Microsoft (/company/microsoft)	62.6%	Medium	
513	Find Bottom Left Tree Value (...	Tree (/tag/tree) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Microsoft (/company/microsoft)	62.2%	Medium	
1625	Lexicographically Smallest St...	Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search)	63.1%	Medium	

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1654	Minimum Jumps to Reach Ho...	Dynamic Programming (/tag/dynamic-programming) Breadth-first Search (/tag/breadth-first-search)	26.8%	Medium	
865	Smallest Subtree with all the ...	Tree (/tag/tree) Depth-first Search (/tag/depth-first-search) Breadth-first Search (/tag/breadth-first-search) Recursion (/tag/recursion) Facebook (/company/facebook)	64.4%	Medium	
1210	Minimum Moves to Reach Ta...	Breadth-first Search (/tag/breadth-first-search) Kakao (/company/kakao)	46.1%	Hard	
1263	Minimum Moves to Move a B...	Breadth-first Search (/tag/breadth-first-search)	42.5%	Hard	
1284	Minimum Number of Flips to ...	Breadth-first Search (/tag/breadth-first-search) Airbnb (/company/airbnb)	69.9%	Hard	
1298	Maximum Candies You Can ...	Breadth-first Search (/tag/breadth-first-search) Airbnb (/company/airbnb)	59.5%	Hard	
1602	Find Nearest Right Node in B... 🔓	Tree (/tag/tree) Breadth-first Search (/tag/breadth-first-search) Google (/company/google)	75.5%	Medium	

JPMorgan (/company/jpmorgan)