🔖 Microsoft

> ## Notice
>
> We've improved our algorithm that calculates company tags and their frequencies to be more accurate and current.
>
> This page updates weekly on Saturday.
>
> You can filter the results by different time periods.

You have solved **103 / 201** problems.

☐ **Show problem tags**   **Select time period:** 6 months ▾

	#	Title	Acceptance	Difficulty	Frequency ❓
✔	146	LRU Cache (/problems/lru-cache)	27.7%	Medium	
✔	42	Trapping Rain Water (/problems/trapping-rain-water)	45.1%	Hard	
✔	1	Two Sum (/problems/two-sum)	44.6%	Easy	
?	348	Design Tic-Tac-Toe (/problems/design-tic-tac-toe) 🔓	51.3%	Medium	
✔	431	Encode N-ary Tree to Binary Tree (/problems/encode-n-ary-tree-to-binary-tree) 🔓	65.9%	Hard	
	443	String Compression (/problems/string-compression)	38.6%	Easy	
	557	Reverse Words in a String III (/problems/reverse-words-in-a-string-iii)	65.6%	Easy	
✔	236	Lowest Common Ancestor of a Binary Tree (/problems/lowest-common-ancestor-of-a-binary-tree)	40.1%	Medium	
✔	22	Generate Parentheses (/problems/generate-parentheses)	57.5%	Medium	
	428	Serialize and Deserialize N-ary Tree (/problems/serialize-and-deserialize-n-ary-tree) 🔓	55.7%	Hard	
✔	269	Alien Dictionary (/problems/alien-dictionary) 🔓	32.6%	Hard	
✔	54	Spiral Matrix (/problems/spiral-matrix)	31.7%	Medium	
	794	Valid Tic-Tac-Toe State (/problems/valid-tic-tac-toe-state)	31.0%	Medium	
	151	Reverse Words in a String (/problems/reverse-words-in-a-string)	18.1%	Medium	

	#	Title	Acceptance	Difficulty	Frequency ❓
✔	103	Binary Tree Zigzag Level Order Traversal (/problems/binary-tree-zigzag-level-order-traversal)	43.5%	Medium	
✔	30	Substring with Concatenation of All Words (/problems/substring-with-concatenation-of-all-words)	24.2%	Hard	
✔	33	Search in Rotated Sorted Array (/problems/search-in-rotated-sorted-array)	33.2%	Medium	
✔	200	Number of Islands (/problems/number-of-islands)	43.2%	Medium	
✔	5	Longest Palindromic Substring (/problems/longest-palindromic-substring)	28.0%	Medium	
	240	Search a 2D Matrix II (/problems/search-a-2d-matrix-ii)	41.6%	Medium	
	36	Valid Sudoku (/problems/valid-sudoku)	45.1%	Medium	
✔	253	Meeting Rooms II (/problems/meeting-rooms-ii) 🔓	43.8%	Medium	
	470	Implement Rand10() Using Rand7() (/problems/implement-rand10-using-rand7)	45.2%	Medium	
✔	138	Copy List with Random Pointer (/problems/copy-list-with-random-pointer)	29.4%	Medium	
✔	53	Maximum Subarray (/problems/maximum-subarray)	44.8%	Easy	
	805	Split Array With Same Average (/problems/split-array-with-same-average)	25.1%	Hard	
	445	Add Two Numbers II (/problems/add-two-numbers-ii)	51.5%	Medium	
	768	Max Chunks To Make Sorted II (/problems/max-chunks-to-make-sorted-ii)	46.8%	Hard	
✔	88	Merge Sorted Array (/problems/merge-sorted-array)	37.1%	Easy	
	75	Sort Colors (/problems/sort-colors)	43.5%	Medium	
	354	Russian Doll Envelopes (/problems/russian-doll-envelopes)	34.5%	Hard	
	612	Shortest Distance in a Plane (/problems/shortest-distance-in-a-plane) 🔓	55.4%	Medium	
✔	48	Rotate Image (/problems/rotate-image)	51.0%	Medium	
✔	560	Subarray Sum Equals K (/problems/subarray-sum-equals-k)	43.0%	Medium	

	#	Title	Acceptance	Difficulty	Frequency ❓
✔	21	Merge Two Sorted Lists (/problems/merge-two-sorted-lists)	49.3%	Easy	
?	10	Regular Expression Matching (/problems/regular-expression-matching)	25.8%	Hard	
✔	93	Restore IP Addresses (/problems/restore-ip-addresses)	32.6%	Medium	
✔	273	Integer to English Words (/problems/integer-to-english-words)	25.1%	Hard	
✔	98	Validate Binary Search Tree (/problems/validate-binary-search-tree)	26.4%	Medium	
✔	3	Longest Substring Without Repeating Characters (/problems/longest-substring-without-repeating-characters)	29.0%	Medium	
✔	186	Reverse Words in a String II (/problems/reverse-words-in-a-string-ii) 🔓	39.6%	Medium	
	73	Set Matrix Zeroes (/problems/set-matrix-zeroes)	41.0%	Medium	
	529	Minesweeper (/problems/minesweeper)	54.8%	Medium	
✔	2	Add Two Numbers (/problems/add-two-numbers)	32.0%	Medium	
✔	155	Min Stack (/problems/min-stack)	39.1%	Easy	
	722	Remove Comments (/problems/remove-comments)	32.0%	Medium	
✔	39	Combination Sum (/problems/combination-sum)	51.2%	Medium	
✔	297	Serialize and Deserialize Binary Tree (/problems/serialize-and-deserialize-binary-tree)	43.0%	Hard	
✔	139	Word Break (/problems/word-break)	36.9%	Medium	
✔	23	Merge k Sorted Lists (/problems/merge-k-sorted-lists)	36.4%	Hard	
✔	15	3Sum (/problems/3sum)	24.9%	Medium	
✔	380	Insert Delete GetRandom O(1) (/problems/insert-delete-getrandom-o1)	44.0%	Medium	
✔	362	Design Hit Counter (/problems/design-hit-counter) 🔓	60.5%	Medium	
	99	Recover Binary Search Tree (/problems/recover-binary-search-tree)	35.9%	Hard	
✔	127	Word Ladder (/problems/word-ladder)	25.9%	Medium	

	#	Title	Acceptance	Difficulty	Frequency ❓
✔	114	Flatten Binary Tree to Linked List (/problems/flatten-binary-tree-to-linked-list)	44.5%	Medium	
	218	The Skyline Problem (/problems/the-skyline-problem)	32.6%	Hard	
✔	232	Implement Queue using Stacks (/problems/implement-queue-using-stacks)	45.2%	Easy	
✔	143	Reorder List (/problems/reorder-list)	32.6%	Medium	
	535	Encode and Decode TinyURL (/problems/encode-and-decode-tinyurl)	77.8%	Medium	
	234	Palindrome Linked List (/problems/palindrome-linked-list)	37.2%	Easy	
?	68	Text Justification (/problems/text-justification)	24.6%	Hard	
	969	Pancake Sorting (/problems/pancake-sorting)	62.2%	Medium	
	227	Basic Calculator II (/problems/basic-calculator-ii)	34.7%	Medium	
✔	17	Letter Combinations of a Phone Number (/problems/letter-combinations-of-a-phone-number)	43.3%	Medium	
	105	Construct Binary Tree from Preorder and Inorder Traversal (/problems/construct-binary-tree-from-preorder-and-inorder-traversal)	43.6%	Medium	
✔	206	Reverse Linked List (/problems/reverse-linked-list)	57.3%	Easy	
✔	79	Word Search (/problems/word-search)	32.6%	Medium	
✔	25	Reverse Nodes in k-Group (/problems/reverse-nodes-in-k-group)	38.2%	Hard	
	97	Interleaving String (/problems/interleaving-string)	29.1%	Hard	
✔	153	Find Minimum in Rotated Sorted Array (/problems/find-minimum-in-rotated-sorted-array)	43.7%	Medium	
✔	92	Reverse Linked List II (/problems/reverse-linked-list-ii)	36.2%	Medium	
✔	402	Remove K Digits (/problems/remove-k-digits)	27.1%	Medium	
	328	Odd Even Linked List (/problems/odd-even-linked-list)	50.7%	Medium	
	958	Check Completeness of a Binary Tree (/problems/check-completeness-of-a-binary-tree)	49.4%	Medium	
✔	295	Find Median from Data Stream (/problems/find-median-from-data-stream)	39.0%	Hard	