## **■** 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 **57 / 212** problems.

☐ Show problem tags			Select time period:		6 months 🔻
	#	Title	Acceptance	Difficulty	Frequency 2
	103	Binary Tree Zigzag Level Order Traversal (/problems/binary-tree-zigzag-level-order- traversal)	44.2%	Medium	
	33	Search in Rotated Sorted Array (/problems/search-in-rotated-sorted-array)	33.4%	Medium	
~	75	Sort Colors (/problems/sort-colors)	43.9%	Medium	
	445	Add Two Numbers II (/problems/add-two-numbers-ii)	52.0%	Medium	
	13	Roman to Integer (/problems/roman-to-integer)	53.8%	Easy	
	23	Merge k Sorted Lists (/problems/merge-k-sorted-lists)	37.1%	Hard	
	8	String to Integer (atoi) (/problems/string-to-integeratoi)	14.9%	Medium	
	133	Clone Graph (/problems/clone-graph)	29.9%	Medium	
	402	Remove K Digits (/problems/remove-k-digits)	27.2%	Medium	
	19	Remove Nth Node From End of List (/problems/remove-nth-node-from-end-of-list)	34.6%	Medium	
~	7	Reverse Integer (/problems/reverse-integer)	25.6%	Easy	
	138	Copy List with Random Pointer (/problems/copy- list-with-random-pointer)	30.6%	Medium	
•	1	Two Sum (/problems/two-sum)	44.8%	Easy	

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	#	Title	Acceptance	Difficulty Frequency 2
	43	Multiply Strings (/problems/multiply-strings)	32.1%	Medium
	415	Add Strings (/problems/add-strings)	45.3%	Easy
	230	Kth Smallest Element in a BST (/problems/kth-smallest-element-in-a-bst)	54.5%	Medium
	127	Word Ladder (/problems/word-ladder)	26.5%	Medium
	5	Longest Palindromic Substring (/problems/longest-palindromic-substring)	28.3%	Medium
	557	Reverse Words in a String III (/problems/reversewords-in-a-string-iii)	66.4%	Easy
	54	Spiral Matrix (/problems/spiral-matrix)	32.1%	Medium
	17	Letter Combinations of a Phone Number (/problems/letter-combinations-of-a-phone-number)	43.8%	Medium
<b>~</b>	346	Moving Average from Data Stream (/problems/moving-average-from-data-stream)	68.2%	Easy
~	2	Add Two Numbers (/problems/add-two-numbers)	32.3%	Medium
	636	Exclusive Time of Functions (/problems/exclusive-time-of-functions)	50.1%	Medium
<b>~</b>	443	String Compression (/problems/string-compression)	39.0%	Easy
<b>~</b>	53	Maximum Subarray (/problems/maximum- subarray)	45.1%	Easy
<b>~</b>	168	Excel Sheet Column Title (/problems/excel-sheet-column-title)	29.9%	Easy
	42	Trapping Rain Water (/problems/trapping-rainwater)	45.8%	Hard
	142	Linked List Cycle II (/problems/linked-list-cycle-ii)	34.3%	Medium
	273	Integer to English Words (/problems/integer-to-english-words)	25.4%	Hard
	146	LRU Cache (/problems/lru-cache)	28.6%	Medium
	277	Find the Celebrity (/problems/find-the-celebrity)	39.1%	Medium

	#	Title	Acceptance	Difficulty	Frequency 2
	253	Meeting Rooms II (/problems/meeting-rooms-ii)  ■	44.1%	Medium	
~	206	Reverse Linked List (/problems/reverse-linked-list)	58.1%	Easy	
	24	Swap Nodes in Pairs (/problems/swap-nodes-in-pairs)	47.2%	Medium	
<b>~</b>	21	Merge Two Sorted Lists (/problems/merge-two-sorted-lists)	50.1%	Easy	
	72	Edit Distance (/problems/edit-distance)	40.3%	Hard	
~	56	Merge Intervals (/problems/merge-intervals)	37.3%	Medium	
~	268	Missing Number (/problems/missing-number)	49.6%	Easy	
~	283	Move Zeroes (/problems/move-zeroes)	55.7%	Easy	
	82	Remove Duplicates from Sorted List II (/problems/remove-duplicates-from-sorted-list-ii)	34.7%	Medium	
	212	Word Search II (/problems/word-search-ii)	31.0%	Hard	
<b>~</b>	88	Merge Sorted Array (/problems/merge-sorted-array)	37.4%	Easy	
	14	Longest Common Prefix (/problems/longest-common-prefix)	34.4%	Easy	
	328	Odd Even Linked List (/problems/odd-even-linked-list)	51.1%	Medium	
	68	Text Justification (/problems/text-justification)	25.0%	Hard	
	11	Container With Most Water (/problems/container-with-most-water)	47.8%	Medium	
	124	Binary Tree Maximum Path Sum (/problems/binary-tree-maximum-path-sum)	31.6%	Hard	
~	46	Permutations (/problems/permutations)	58.7%	Medium	
	200	Number of Islands (/problems/number-of-islands)	43.8%	Medium	
	102	Binary Tree Level Order Traversal (/problems/binary-tree-level-order-traversal)	51.0%	Medium	
	15	3Sum (/problems/3sum)	25.3%	Medium	
	79	Word Search (/problems/word-search)	33.0%	Medium	

	#	Title	Acceptance	Difficulty	Frequency <b>②</b>
	105	Construct Binary Tree from Preorder and Inorder Traversal (/problems/construct-binary-tree-from-preorder-and-inorder-traversal)	44.3%	Medium	
	49	Group Anagrams (/problems/group-anagrams)	50.9%	Medium	
	59	Spiral Matrix II (/problems/spiral-matrix-ii)	50.0%	Medium	
	4	Median of Two Sorted Arrays (/problems/median- of-two-sorted-arrays)	27.8%	Hard	
	3	Longest Substring Without Repeating Characters (/problems/longest-substring-without-repeating-characters)	29.2%	Medium	
~	252	Meeting Rooms (/problems/meeting-rooms)	53.3%	Easy	
~	78	Subsets (/problems/subsets)	56.4%	Medium	
	468	Validate IP Address (/problems/validate-ip-address)	21.9%	Medium	
	151	Reverse Words in a String (/problems/reverse-words-in-a-string)	18.5%	Medium	
	235	Lowest Common Ancestor of a Binary Search Tree (/problems/lowest-common-ancestor-of-a- binary-search-tree)	47.1%	Easy	
~	236	Lowest Common Ancestor of a Binary Tree (/problems/lowest-common-ancestor-of-a-binary-tree)	41.1%	Medium	
	165	Compare Version Numbers (/problems/compare-version-numbers)	25.3%	Medium	
~	117	Populating Next Right Pointers in Each Node II (/problems/populating-next-right-pointers-in-each-node-ii)	36.3%	Medium	
~	20	Valid Parentheses (/problems/valid-parentheses)	37.6%	Easy	
	722	Remove Comments (/problems/remove-comments)	32.5%	Medium	
•	121	Best Time to Buy and Sell Stock (/problems/best-time-to-buy-and-sell-stock)	48.8%	Easy	
	204	Count Primes (/problems/count-primes)	30.2%	Easy	
	25	Reverse Nodes in k-Group (/problems/reverse-nodes-in-k-group)	38.7%	Hard	

	#	Title	Acceptance	Difficulty	Frequency 2
	36	Valid Sudoku (/problems/valid-sudoku)	45.6%	Medium	
	71	Simplify Path (/problems/simplify-path)	30.3%	Medium	
<b>~</b>	160	Intersection of Two Linked Lists (/problems/intersection-of-two-linked-lists)	36.6%	Easy	
	10	Regular Expression Matching (/problems/regular-expression-matching)	25.9%	Hard	
	642	Design Search Autocomplete System (/problems/design-search-autocomplete-system)	41.3%	Hard	
<b>~</b>	234	Palindrome Linked List (/problems/palindrome-linked-list)	37.4%	Easy	
	112	Path Sum (/problems/path-sum)	39.2%	Easy	
?	139	Word Break (/problems/word-break)	37.4%	Medium	
	134	Gas Station (/problems/gas-station)	35.7%	Medium	
	240	Search a 2D Matrix II (/problems/search-a-2d-matrix-ii)	41.9%	Medium	
	348	Design Tic-Tac-Toe (/problems/design-tic-tac-toe)  ■	51.8%	Medium	
	179	Largest Number (/problems/largest-number)	26.9%	Medium	
	287	Find the Duplicate Number (/problems/find-the-duplicate-number)	51.7%	Medium	
	242	Valid Anagram (/problems/valid-anagram)	54.3%	Easy	
	322	Coin Change (/problems/coin-change)	32.6%	Medium	
	92	Reverse Linked List II (/problems/reverse-linked-list-ii)	36.6%	Medium	
~	28	Implement strStr() (/problems/implement-strstr)	33.3%	Easy	
	186	Reverse Words in a String II (/problems/reversewords-in-a-string-ii)	40.3%	Medium	
	535	Encode and Decode TinyURL (/problems/encode-and-decode-tinyurl)	78.2%	Medium	
	153	Find Minimum in Rotated Sorted Array (/problems/find-minimum-in-rotated-sorted-array)	43.9%	Medium	

	#	Title	Acceptance	Difficulty Frequency 2
	367	Valid Perfect Square (/problems/valid-perfect-square)	40.6%	Easy
<b>~</b>	125	Valid Palindrome (/problems/valid-palindrome)	33.1%	Easy
<b>~</b>	98	Validate Binary Search Tree (/problems/validate-binary-search-tree)	26.7%	Medium
	44	Wildcard Matching (/problems/wildcard-matching)	23.7%	Hard
	37	Sudoku Solver (/problems/sudoku-solver)	39.7%	Hard
	224	Basic Calculator (/problems/basic-calculator)	34.7%	Hard
	48	Rotate Image (/problems/rotate-image)	51.9%	Medium
<b>✓</b>	22	Generate Parentheses (/problems/generate- parentheses)	58.3%	Medium
	238	Product of Array Except Self (/problems/product- of-array-except-self)	57.5%	Medium
	218	The Skyline Problem (/problems/the-skyline-problem)	32.9%	Hard
	297	Serialize and Deserialize Binary Tree (/problems/serialize-and-deserialize-binary-tree)	43.9%	Hard
	232	Implement Queue using Stacks (/problems/implement-queue-using-stacks)	45.9%	Easy
	148	Sort List (/problems/sort-list)	38.3%	Medium
	116	Populating Next Right Pointers in Each Node (/problems/populating-next-right-pointers-in-each-node)	40.4%	Medium
	347	Top K Frequent Elements (/problems/top-k-frequent-elements)	57.6%	Medium
	295	Find Median from Data Stream (/problems/find-median-from-data-stream)	39.8%	Hard
	140	Word Break II (/problems/word-break-ii)	28.9%	Hard
<b>~</b>	349	Intersection of Two Arrays (/problems/intersection-of-two-arrays)	58.0%	Easy
	225	Implement Stack using Queues (/problems/implement-stack-using-queues)	41.7%	Easy
	269	Alien Dictionary (/problems/alien-dictionary)	33.3%	Hard

	#	Title	Acceptance	Difficulty Frequency 2
	380	Insert Delete GetRandom O(1) (/problems/insert-delete-getrandom-o1)	44.5%	Medium
	84	Largest Rectangle in Histogram (/problems/largest-rectangle-in-histogram)	32.8%	Hard
	94	Binary Tree Inorder Traversal (/problems/binary-tree-inorder-traversal)	59.6%	Medium
	51	N-Queens (/problems/n-queens)	42.5%	Hard
	529	Minesweeper (/problems/minesweeper)	55.5%	Medium
	173	Binary Search Tree Iterator (/problems/binary- search-tree-iterator)	51.8%	Medium
	215	Kth Largest Element in an Array (/problems/kth-largest-element-in-an-array)	51.0%	Medium
<b>~</b>	344	Reverse String (/problems/reverse-string)	64.8%	Easy
	450	Delete Node in a BST (/problems/delete-node-in-a-bst)	41.1%	Medium
<b>~</b>	572	Subtree of Another Tree (/problems/subtree-of-another-tree)	43.0%	Easy
	208	Implement Trie (Prefix Tree) (/problems/implement-trie-prefix-tree)	42.1%	Medium
	61	Rotate List (/problems/rotate-list)	28.4%	Medium
	81	Search in Rotated Sorted Array II (/problems/search-in-rotated-sorted-array-ii)	32.8%	Medium
<b>~</b>	69	Sqrt(x) (/problems/sqrtx)	32.5%	Easy
	523	Continuous Subarray Sum (/problems/continuous-subarray-sum)	24.4%	Medium
<b>~</b>	189	Rotate Array (/problems/rotate-array)	32.1%	Easy
	114	Flatten Binary Tree to Linked List (/problems/flatten-binary-tree-to-linked-list)	45.2%	Medium
	384	Shuffle an Array (/problems/shuffle-an-array)	51.3%	Medium
	110	Balanced Binary Tree (/problems/balanced-binary-tree)	42.1%	Easy
<b>~</b>	31	Next Permutation (/problems/next-permutation)	31.4%	Medium
	73	Set Matrix Zeroes (/problems/set-matrix-zeroes)	41.4%	Medium

	#	Title	Acceptance	Difficulty Frequency 2
	239	Sliding Window Maximum (/problems/sliding-window-maximum)	40.1%	Hard
<b>~</b>	104	Maximum Depth of Binary Tree (/problems/maximum-depth-of-binary-tree)	63.0%	Easy
~	836	Rectangle Overlap (/problems/rectangle-overlap)	47.8%	Easy
~	162	Find Peak Element (/problems/find-peak-element)	42.2%	Medium
<b>~</b>	26	Remove Duplicates from Sorted Array (/problems/remove-duplicates-from-sorted-array)	42.6%	Easy
	227	Basic Calculator II (/problems/basic-calculator-ii)	35.2%	Medium
	155	Min Stack (/problems/min-stack)	39.8%	Easy
<b>~</b>	118	Pascal's Triangle (/problems/pascals-triangle)	48.9%	Easy
	670	Maximum Swap (/problems/maximum-swap)	41.2%	Medium
	97	Interleaving String (/problems/interleaving-string)	29.5%	Hard
	93	Restore IP Addresses (/problems/restore-ip-addresses)	33.0%	Medium
	143	Reorder List (/problems/reorder-list)	33.2%	Medium
<b>~</b>	387	First Unique Character in a String (/problems/first-unique-character-in-a-string)	51.0%	Easy
	74	Search a 2D Matrix (/problems/search-a-2d-matrix)	35.5%	Medium
	378	Kth Smallest Element in a Sorted Matrix (/problems/kth-smallest-element-in-a-sorted-matrix)	51.4%	Medium
	460	LFU Cache (/problems/lfu-cache)	31.3%	Hard
	428	Serialize and Deserialize N-ary Tree (/problems/serialize-and-deserialize-n-ary-tree)	56.4%	Hard
	794	Valid Tic-Tac-Toe State (/problems/valid-tic-tac-toe-state)	31.7%	Medium
<b>~</b>	543	Diameter of Binary Tree (/problems/diameter-of-binary-tree)	47.8%	Easy
	128	Longest Consecutive Sequence (/problems/longest-consecutive-sequence)	43.2%	Hard

	#	Title	Acceptance	Difficulty Frequency 2
	438	Find All Anagrams in a String (/problems/find-all-anagrams-in-a-string)	39.3%	Medium
	545	Boundary of Binary Tree (/problems/boundary-of-binary-tree)	37.0%	Medium
	449	Serialize and Deserialize BST (/problems/serialize-and-deserialize-bst)	49.6%	Medium
~	70	Climbing Stairs (/problems/climbing-stairs)	45.5%	Easy
	679	24 Game (/problems/24-game)	44.3%	Hard
	560	Subarray Sum Equals K (/problems/subarray- sum-equals-k)	43.2%	Medium
	416	Partition Equal Subset Sum (/problems/partition-equal-subset-sum)	41.9%	Medium
<b>~</b>	217	Contains Duplicate (/problems/contains-duplicate)	54.0%	Easy
	412	Fizz Buzz (/problems/fizz-buzz)	60.5%	Easy
<b>~</b>	101	Symmetric Tree (/problems/symmetric-tree)	45.0%	Easy
	340	Longest Substring with At Most K Distinct Characters (/problems/longest-substring-with-at- most-k-distinct-characters)	41.8%	Hard
	419	Battleships in a Board (/problems/battleships-in-a-board)	67.2%	Medium
	99	Recover Binary Search Tree (/problems/recover-binary-search-tree)	36.4%	Hard
	516	Longest Palindromic Subsequence (/problems/longest-palindromic-subsequence)	49.4%	Medium
	362	Design Hit Counter (/problems/design-hit-counter)	61.2%	Medium
	95	Unique Binary Search Trees II (/problems/unique-binary-search-trees-ii)	37.6%	Medium
	286	Walls and Gates (/problems/walls-and-gates)	51.3%	Medium
	383	Ransom Note (/problems/ransom-note)	51.0%	Easy
<b>~</b>	39	Combination Sum (/problems/combination-sum)	51.9%	Medium
	90	Subsets II (/problems/subsets-ii)	44.4%	Medium
~	77	Combinations (/problems/combinations)	50.8%	Medium

	#	Title	Acceptance	Difficulty Frequency 2
	540	Single Element in a Sorted Array (/problems/single-element-in-a-sorted-array)	57.6%	Medium
	158	Read N Characters Given Read4 II - Call multiple times (/problems/read-n-characters-given-read4-ii-call-multiple-times)	29.4%	Hard
	40	Combination Sum II (/problems/combination-sum-ii)	44.4%	Medium
~	706	Design HashMap (/problems/design-hashmap)	57.9%	Easy
<b>~</b>	332	Reconstruct Itinerary (/problems/reconstruct- itinerary)	33.3%	Medium
	805	Split Array With Same Average (/problems/split-array-with-same-average)	25.5%	Hard
	739	Daily Temperatures (/problems/daily-temperatures)	61.3%	Medium
<b>~</b>	876	Middle of the Linked List (/problems/middle-of-the-linked-list)	65.5%	Easy
	729	My Calendar I (/problems/my-calendar-i)	49.3%	Medium
	622	Design Circular Queue (/problems/design-circular-queue)	41.4%	Medium
	917	Reverse Only Letters (/problems/reverse-only-letters)	56.6%	Easy
	863	All Nodes Distance K in Binary Tree (/problems/all-nodes-distance-k-in-binary-tree)	51.1%	Medium
<b>~</b>	406	Queue Reconstruction by Height (/problems/queue-reconstruction-by-height)	61.7%	Medium
<b>~</b>	767	Reorganize String (/problems/reorganize-string) ★	45.1%	Medium
<b>~</b>	83	Remove Duplicates from Sorted List (/problems/remove-duplicates-from-sorted-list)	43.8%	Easy
<b>~</b>	100	Same Tree (/problems/same-tree)	51.3%	Easy
	509	Fibonacci Number (/problems/fibonacci-number)	66.6%	Easy
	528	Random Pick with Weight (/problems/random-pick-with-weight)	43.3%	Medium
	969	Pancake Sorting (/problems/pancake-sorting)	63.3%	Medium

	#	Title	Acceptance	Difficulty Frequency 2
	721	Accounts Merge (/problems/accounts-merge)	44.1%	Medium
<b>~</b>	724	Find Pivot Index (/problems/find-pivot-index)	42.3%	Easy
<b>~</b>	973	K Closest Points to Origin (/problems/k-closest-points-to-origin)	61.4%	Medium
	704	Binary Search (/problems/binary-search)	49.9%	Easy
	354	Russian Doll Envelopes (/problems/russian-doll-envelopes)	34.7%	Hard
<b>~</b>	977	Squares of a Sorted Array (/problems/squares-of-a-sorted-array)	71.9%	Easy
	30	Substring with Concatenation of All Words (/problems/substring-with-concatenation-of-allwords)	24.4%	Hard
	510	Inorder Successor in BST II (/problems/inorder-successor-in-bst-ii)	55.8%	Medium
	211	Add and Search Word - Data structure design (/problems/add-and-search-word-data-structure-design)	32.9%	Medium
	938	Range Sum of BST (/problems/range-sum-of-bst)	78.5%	Easy
	470	Implement Rand10() Using Rand7() (/problems/implement-rand10-using-rand7)	45.5%	Medium
	1122	Relative Sort Array (/problems/relative-sort-array)	66.5%	Easy
<b>~</b>	202	Happy Number (/problems/happy-number)	47.5%	Easy
	768	Max Chunks To Make Sorted II (/problems/max-chunks-to-make-sorted-ii)	47.2%	Hard
	431	Encode N-ary Tree to Binary Tree (/problems/encode-n-ary-tree-to-binary-tree)	67.3%	Hard
	575	Distribute Candies (/problems/distribute-candies)	60.3%	Easy
	472	Concatenated Words (/problems/concatenatedwords)	38.6%	Hard
	1185	Day of the Week (/problems/day-of-the-week)	64.3%	Easy
<b>~</b>	1143	Longest Common Subsequence (/problems/longest-common-subsequence)	57.3%	Medium

#	Title	Acceptance	Difficulty	Frequency <b>3</b>
1239	Maximum Length of a Concatenated String with Unique Characters (/problems/maximum-length-of-a-concatenated-string-with-unique-characters)	41.9%	Medium	

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