

Microsoft

Problems

Discuss

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 **114 / 176** problems.

☐ Show problem tags

Select time period: 1 year

#	Title	Acceptance	Difficulty	Frequency ?
✓ 1	Two Sum (/problems/two-sum)	50.9%	Easy	
✓ 2	Add Two Numbers (/problems/add-two-numbers)	41.4%	Medium	
3	Longest Substring Without Repeating Characters (/problems/longest-substring-without-repeating-characters)	34.1%	Medium	
✓ 4	Median of Two Sorted Arrays (/problems/median-of-two-sorted-arrays)	38.2%	Hard	
? 5	Longest Palindromic Substring (/problems/longest-palindromic-substring)	32.8%	Medium	
6	Zigzag Conversion (/problems/zigzag-conversion)	46.1%	Medium	
7	Reverse Integer (/problems/reverse-integer)	27.9%	Medium	
8	String to Integer (atoi) (/problems/string-to-integer-atoi)	16.8%	Medium	
✓ 9	Palindrome Number (/problems/palindrome-number)	54.6%	Easy	
10	Regular Expression Matching (/problems/regular-expression-matching)	27.9%	Hard	
✓ 11	Container With Most Water (/problems/container-with-most-water)	54.2%	Medium	
✓ 12	Integer to Roman (/problems/integer-to-roman)	63.3%	Medium	
✓ 13	Roman to Integer (/problems/roman-to-integer)	59.6%	Easy	
14	Longest Common Prefix (/problems/longest-common-prefix)	41.7%	Easy	
✓ 15	3Sum (/problems/3sum)	33.4%	Medium	
✓ 17	Letter Combinations of a Phone Number (/problems/letter-combinations-of-a-phone-number)	58.8%	Medium	
✓ 18	4Sum (/problems/4sum)	35.8%	Medium	
✓ 19	Remove Nth Node From End of List (/problems/remove-nth-node-from-end-of-list)	42.8%	Medium	
✓ 20	Valid Parentheses (/problems/valid-parentheses)	40.2%	Easy	
✓ 21	Merge Two Sorted Lists (/problems/merge-two-sorted-lists)	63.3%	Easy	
✓ 22	Generate Parentheses (/problems/generate-parentheses)	73.5%	Medium	
✓ 23	Merge k Sorted Lists (/problems/merge-k-sorted-lists)	51.1%	Hard	
✓ 25	Reverse Nodes in k-Group (/problems/reverse-nodes-in-k-group)	56.8%	Hard	
✓ 26	Remove Duplicates from Sorted Array (/problems/remove-duplicates-from-sorted-array)	53.4%	Easy	
✓ 28	Find the Index of the First Occurrence in a String (/problems/find-the-index-of-the-first-occurrence-in-a-string)	40.7%	Easy	
✓ 31	Next Permutation (/problems/next-permutation)	38.7%	Medium	
✓ 32	Longest Valid Parentheses (/problems/longest-valid-parentheses)	33.3%	Hard	
✓ 33	Search in Rotated Sorted Array (/problems/search-in-rotated-sorted-array)	40.0%	Medium	
36	Valid Sudoku (/problems/valid-sudoku)	58.7%	Medium	

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✓ 37	Sudoku Solver (/problems/sudoku-solver)	59.4%	Hard	
38	Count and Say (/problems/count-and-say)	53.4%	Medium	
✓ 39	Combination Sum (/problems/combination-sum)	70.1%	Medium	
✓ 41	First Missing Positive (/problems/first-missing-positive)	37.2%	Hard	
✓ 42	Trapping Rain Water (/problems/trapping-rain-water)	60.0%	Hard	
✓ 46	Permutations (/problems/permutations)	77.3%	Medium	
✓ 48	Rotate Image (/problems/rotate-image)	72.8%	Medium	
✓ 49	Group Anagrams (/problems/group-anagrams)	67.1%	Medium	
✓ 50	Pow(x, n) (/problems/powx-n)	34.1%	Medium	
✓ 53	Maximum Subarray (/problems/maximum-subarray)	50.4%	Medium	
✓ 54	Spiral Matrix (/problems/spiral-matrix)	47.8%	Medium	
✓ 55	Jump Game (/problems/jump-game)	38.6%	Medium	
✓ 56	Merge Intervals (/problems/merge-intervals)	46.6%	Medium	
✓ 67	Add Binary (/problems/add-binary)	52.8%	Easy	
✓ 70	Climbing Stairs (/problems/climbing-stairs)	52.2%	Easy	
✓ 72	Edit Distance (/problems/edit-distance)	55.5%	Medium	
✓ 73	Set Matrix Zeroes (/problems/set-matrix-zeroes)	53.7%	Medium	
✓ 74	Search a 2D Matrix (/problems/search-a-2d-matrix)	49.3%	Medium	
✓ 75	Sort Colors (/problems/sort-colors)	60.6%	Medium	
✓ 77	Combinations (/problems/combinations)	69.4%	Medium	
✓ 79	Word Search (/problems/word-search)	40.8%	Medium	
✓ 80	Remove Duplicates from Sorted Array II (/problems/remove-duplicates-from-sorted-array-ii)	55.4%	Medium	
✓ 83	Remove Duplicates from Sorted List (/problems/remove-duplicates-from-sorted-list)	51.5%	Easy	
✓ 84	Largest Rectangle in Histogram (/problems/largest-rectangle-in-histogram)	43.4%	Hard	
✓ 86	Partition List (/problems/partition-list)	55.2%	Medium	
✓ 88	Merge Sorted Array (/problems/merge-sorted-array)	48.1%	Easy	
✓ 92	Reverse Linked List II (/problems/reverse-linked-list-ii)	47.2%	Medium	
✓ 98	Validate Binary Search Tree (/problems/validate-binary-search-tree)	32.4%	Medium	
✓ 99	Recover Binary Search Tree (/problems/recover-binary-search-tree)	52.1%	Medium	
✓ 100	Same Tree (/problems/same-tree)	59.8%	Easy	
✓ 101	Symmetric Tree (/problems/symmetric-tree)	55.4%	Easy	
✓ 103	Binary Tree Zigzag Level Order Traversal (/problems/binary-tree-zigzag-level-order-traversal)	58.0%	Medium	
✓ 105	Construct Binary Tree from Preorder and Inorder Traversal (/problems/construct-binary-tree-from-preorder-and-inorder-traversal)	62.7%	Medium	
✓ 106	Construct Binary Tree from Inorder and Postorder Traversal (/problems/construct-binary-tree-from-inorder-and-postorder-traversal)	61.4%	Medium	
✓ 112	Path Sum (/problems/path-sum)	49.2%	Easy	
✓ 114	Flatten Binary Tree to Linked List (/problems/flatten-binary-tree-to-linked-list)	63.4%	Medium	
116	Populating Next Right Pointers in Each Node (/problems/populating-next-right-pointers-in-each-node)	61.6%	Medium	
✓ 118	Pascal's Triangle (/problems/pascals-triangle)	73.1%	Easy	
✓ 121	Best Time to Buy and Sell Stock (/problems/best-time-to-buy-and-sell-stock)	53.5%	Easy	
✓ 122	Best Time to Buy and Sell Stock II (/problems/best-time-to-buy-and-sell-stock-ii)	65.1%	Medium	

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✓ 124	Binary Tree Maximum Path Sum (/problems/binary-tree-maximum-path-sum)	39.6%	Hard	
✓ 128	Longest Consecutive Sequence (/problems/longest-consecutive-sequence)	47.4%	Medium	
✓ 134	Gas Station (/problems/gas-station)	45.8%	Medium	
✓ 138	Copy List with Random Pointer (/problems/copy-list-with-random-pointer)	54.3%	Medium	
✓ 146	LRU Cache (/problems/lru-cache)	41.7%	Medium	
✓ 150	Evaluate Reverse Polish Notation (/problems/evaluate-reverse-polish-notation)	47.8%	Medium	
✓ 151	Reverse Words in a String (/problems/reverse-words-in-a-string)	37.5%	Medium	
✓ 152	Maximum Product Subarray (/problems/maximum-product-subarray)	34.8%	Medium	
✓ 153	Find Minimum in Rotated Sorted Array (/problems/find-minimum-in-rotated-sorted-array)	49.6%	Medium	
✓ 154	Find Minimum in Rotated Sorted Array II (/problems/find-minimum-in-rotated-sorted-array-ii)	43.5%	Hard	
✓ 155	Min Stack (/problems/min-stack)	53.1%	Medium	
✓ 162	Find Peak Element (/problems/find-peak-element)	45.8%	Medium	
✓ 168	Excel Sheet Column Title (/problems/excel-sheet-column-title)	39.6%	Easy	
171	Excel Sheet Column Number (/problems/excel-sheet-column-number)	62.9%	Easy	
175	Combine Two Tables (/problems/combine-two-tables)	75.0%	Easy	
176	Second Highest Salary (/problems/second-highest-salary)	39.0%	Medium	
181	Employees Earning More Than Their Managers (/problems/employees-earning-more-than-their-managers)	68.9%	Easy	
✓ 189	Rotate Array (/problems/rotate-array)	39.9%	Medium	
✓ 200	Number of Islands (/problems/number-of-islands)	57.9%	Medium	
205	Isomorphic Strings (/problems/isomorphic-strings)	43.5%	Easy	
✓ 206	Reverse Linked List (/problems/reverse-linked-list)	74.9%	Easy	
✓ 207	Course Schedule (/problems/course-schedule)	46.2%	Medium	
✓ 208	Implement Trie (Prefix Tree) (/problems/implement-trie-prefix-tree)	63.9%	Medium	
✓ 210	Course Schedule II (/problems/course-schedule-ii)	49.4%	Medium	
✓ 212	Word Search II (/problems/word-search-ii)	36.1%	Hard	
✓ 215	Kth Largest Element in an Array (/problems/kth-largest-element-in-an-array)	67.0%	Medium	
217	Contains Duplicate (/problems/contains-duplicate)	61.1%	Easy	
✓ 224	Basic Calculator (/problems/basic-calculator)	42.7%	Hard	
227	Basic Calculator II (/problems/basic-calculator-ii)	42.8%	Medium	
✓ 230	Kth Smallest Element in a BST (/problems/kth-smallest-element-in-a-bst)	71.4%	Medium	
✓ 234	Palindrome Linked List (/problems/palindrome-linked-list)	51.1%	Easy	
✓ 238	Product of Array Except Self (/problems/product-of-array-except-self)	65.0%	Medium	
✓ 239	Sliding Window Maximum (/problems/sliding-window-maximum)	46.4%	Hard	
242	Valid Anagram (/problems/valid-anagram)	63.4%	Easy	
✓ 273	Integer to English Words (/problems/integer-to-english-words)	30.2%	Hard	
✓ 274	H-Index (/problems/h-index)	38.5%	Medium	
✓ 287	Find the Duplicate Number (/problems/find-the-duplicate-number)	59.4%	Medium	
✓ 297	Serialize and Deserialize Binary Tree (/problems/serialize-and-deserialize-binary-tree)	56.0%	Hard	
✓ 300	Longest Increasing Subsequence (/problems/longest-increasing-subsequence)	53.5%	Medium	
319	Bulb Switcher (/problems/bulb-switcher)	52.5%	Medium	
✓ 328	Odd Even Linked List (/problems/odd-even-linked-list)	61.3%	Medium	
344	Reverse String (/problems/reverse-string)	77.3%	Easy	

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347	Top K Frequent Elements (/problems/top-k-frequent-elements)	63.0%	Medium	
✓ 354	Russian Doll Envelopes (/problems/russian-doll-envelopes)	37.3%	Hard	
392	Is Subsequence (/problems/is-subsequence)	48.0%	Easy	
✓ 394	Decode String (/problems/decode-string)	58.5%	Medium	
419	Battleships in a Board (/problems/battleships-in-a-board)	75.0%	Medium	
443	String Compression (/problems/string-compression)	53.1%	Medium	
✓ 450	Delete Node in a BST (/problems/delete-node-in-a-bst)	50.7%	Medium	
451	Sort Characters By Frequency (/problems/sort-characters-by-frequency)	70.4%	Medium	
453	Minimum Moves to Equal Array Elements (/problems/minimum-moves-to-equal-array-elements)	56.4%	Medium	
✓ 456	132 Pattern (/problems/132-pattern)	33.7%	Medium	
473	Matchsticks to Square (/problems/matchsticks-to-square)	40.2%	Medium	
✓ 496	Next Greater Element I (/problems/next-greater-element-i)	71.7%	Easy	
✓ 542	01 Matrix (/problems/01-matrix)	47.7%	Medium	
✓ 560	Subarray Sum Equals K (/problems/subarray-sum-equals-k)	43.2%	Medium	
✓ 621	Task Scheduler (/problems/task-scheduler)	57.5%	Medium	
680	Valid Palindrome II (/problems/valid-palindrome-ii)	39.7%	Easy	
733	Flood Fill (/problems/flood-fill)	63.1%	Easy	
✓ 735	Asteroid Collision (/problems/asteroid-collision)	45.1%	Medium	
✓ 739	Daily Temperatures (/problems/daily-temperatures)	65.9%	Medium	
771	Jewels and Stones (/problems/jewels-and-stones)	88.3%	Easy	
772	Basic Calculator III (/problems/basic-calculator-iii) 🚩	49.5%	Hard	
✓ 704	Binary Search (/problems/binary-search)	56.7%	Easy	
✓ 785	Is Graph Bipartite? (/problems/is-graph-bipartite)	55.1%	Medium	
706	Design HashMap (/problems/design-hashmap)	66.0%	Easy	
835	Image Overlap (/problems/image-overlap)	63.7%	Medium	
844	Backspace String Compare (/problems/backspace-string-compare)	48.1%	Easy	
✓ 853	Car Fleet (/problems/car-fleet)	50.3%	Medium	
856	Score of Parentheses (/problems/score-of-parentheses)	64.3%	Medium	
✓ 863	All Nodes Distance K in Binary Tree (/problems/all-nodes-distance-k-in-binary-tree)	64.1%	Medium	
895	Maximum Frequency Stack (/problems/maximum-frequency-stack)	66.5%	Hard	
912	Sort an Array (/problems/sort-an-array)	57.9%	Medium	
934	Shortest Bridge (/problems/shortest-bridge)	57.7%	Medium	
951	Flip Equivalent Binary Trees (/problems/flip-equivalent-binary-trees)	66.9%	Medium	
509	Fibonacci Number (/problems/fibonacci-number)	70.4%	Easy	
974	Subarray Sums Divisible by K (/problems/subarray-sums-divisible-by-k)	54.0%	Medium	
981	Time Based Key-Value Store (/problems/time-based-key-value-store)	50.4%	Medium	
✓ 994	Rotting Oranges (/problems/rotting-oranges)	53.6%	Medium	
✓ 1027	Longest Arithmetic Subsequence (/problems/longest-arithmetic-subsequence)	49.0%	Medium	
1161	Maximum Level Sum of a Binary Tree (/problems/maximum-level-sum-of-a-binary-tree)	67.4%	Medium	
✓ 1047	Remove All Adjacent Duplicates In String (/problems/remove-all-adjacent-duplicates-in-string)	69.1%	Easy	
1189	Maximum Number of Balloons (/problems/maximum-number-of-balloons)	60.3%	Easy	
✓ 1405	Longest Happy String (/problems/longest-happy-string)	57.3%	Medium	

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1209	Remove All Adjacent Duplicates in String II (/problems/remove-all-adjacent-duplicates-in-string-ii/)	56.7%	Medium	
1239	Maximum Length of a Concatenated String with Unique Characters (/problems/maximum-length-of-a-concatenated-string-with-unique-characters/)	52.2%	Medium	
✓ 1326	Minimum Number of Taps to Open to Water a Garden (/problems/minimum-number-of-taps-to-open-to-water-a-garden/)	51.5%	Hard	
✓ 1376	Time Needed to Inform All Employees (/problems/time-needed-to-inform-all-employees/)	60.1%	Medium	
1404	Number of Steps to Reduce a Number in Binary Representation to One (/problems/number-of-steps-to-reduce-a-number-in-binary-representation-to-one/)	52.8%	Medium	
✓ 1584	Min Cost to Connect All Points (/problems/min-cost-to-connect-all-points/)	66.5%	Medium	
✓ 1631	Path With Minimum Effort (/problems/path-with-minimum-effort/)	59.4%	Medium	
✓ 1647	Minimum Deletions to Make Character Frequencies Unique (/problems/minimum-deletions-to-make-character-frequencies-unique/)	61.2%	Medium	
1661	Average Time of Process per Machine (/problems/average-time-of-process-per-machine/)	68.0%	Easy	
1768	Merge Strings Alternately (/problems/merge-strings-alternately/)	79.2%	Easy	
1757	Recyclable and Low Fat Products (/problems/recyclable-and-low-fat-products/)	89.7%	Easy	
1822	Sign of the Product of an Array (/problems/sign-of-the-product-of-an-array/)	65.3%	Easy	
1971	Find if Path Exists in Graph (/problems/find-if-path-exists-in-graph/)	51.5%	Easy	
2028	Find Missing Observations (/problems/find-missing-observations/)	45.3%	Medium	
2251	Number of Flowers in Full Bloom (/problems/number-of-flowers-in-full-bloom/)	57.2%	Hard	
2235	Add Two Integers (/problems/add-two-integers/)	87.2%	Easy	
2236	Root Equals Sum of Children (/problems/root-equals-sum-of-children/)	83.5%	Easy	
2360	Longest Cycle in a Graph (/problems/longest-cycle-in-a-graph/)	50.2%	Hard	
2342	Max Sum of a Pair With Equal Sum of Digits (/problems/max-sum-of-a-pair-with-equal-sum-of-digits/)	53.8%	Medium	
2405	Optimal Partition of String (/problems/optimal-partition-of-string/)	78.8%	Medium	
2616	Minimize the Maximum Difference of Pairs (/problems/minimize-the-maximum-difference-of-pairs/)	44.3%	Medium	
2667	Create Hello World Function (/problems/create-hello-world-function/)	79.8%	Easy	
2850	Minimum Moves to Spread Stones Over Grid (/problems/minimum-moves-to-spread-stones-over-grid/)	38.9%	Medium	