(/problems/minimum-window-substring/)

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🔖 Goldman Sachs

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 **62 / 221** problems.

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	#	Title	Acceptance	Difficulty	Frequency ❓
✔	1	Two Sum (/problems/two-sum)	49.1%	Easy	
✔	2	Add Two Numbers (/problems/add-two-numbers)	39.7%	Medium	
✔	3	Longest Substring Without Repeating Characters (/problems/longest-substring-without-repeating-characters)	33.8%	Medium	
	4	Median of Two Sorted Arrays (/problems/median-of-two-sorted-arrays)	35.2%	Hard	
✔	5	Longest Palindromic Substring (/problems/longest-palindromic-substring)	32.4%	Medium	
✔	8	String to Integer (atoi) (/problems/string-to-integer-atoi)	16.6%	Medium	
✔	11	Container With Most Water (/problems/container-with-most-water)	54.3%	Medium	
✔	12	Integer to Roman (/problems/integer-to-roman)	61.4%	Medium	
✔	13	Roman to Integer (/problems/roman-to-integer)	58.3%	Easy	
✔	15	3Sum (/problems/3sum)	32.2%	Medium	
	16	3Sum Closest (/problems/3sum-closest)	46.2%	Medium	
✔	17	Letter Combinations of a Phone Number (/problems/letter-combinations-of-a-phone-number)	55.5%	Medium	
✔	20	Valid Parentheses (/problems/valid-parentheses)	40.7%	Easy	
✔	22	Generate Parentheses (/problems/generate-parentheses)	71.8%	Medium	
✔	23	Merge k Sorted Lists (/problems/merge-k-sorted-lists)	48.3%	Hard	
✔	28	Find the Index of the First Occurrence in a String (/problems/find-the-index-of-the-first-occurrence-in-a-string)	37.5%	Medium	
✔	31	Next Permutation (/problems/next-permutation)	37.1%	Medium	
	32	Longest Valid Parentheses (/problems/longest-valid-parentheses)	32.7%	Hard	
✔	33	Search in Rotated Sorted Array (/problems/search-in-rotated-sorted-array)	38.6%	Medium	
	36	Valid Sudoku (/problems/valid-sudoku)	56.7%	Medium	
	38	Count and Say (/problems/count-and-say)	51.2%	Medium	
✔	39	Combination Sum (/problems/combination-sum)	67.6%	Medium	
	42	Trapping Rain Water (/problems/trapping-rain-water)	58.7%	Hard	

	#	Title	Acceptance	Difficulty	Frequency ❓
✔	45	Jump Game II (/problems/jump-game-ii)	38.5%	Medium	
✔	46	Permutations (/problems/permutations)	74.6%	Medium	
✔	49	Group Anagrams (/problems/group-anagrams)	65.9%	Medium	
	50	Pow(x, n) (/problems/powx-n)	32.8%	Medium	
	51	N-Queens (/problems/n-queens)	62.8%	Hard	
?	53	Maximum Subarray (/problems/maximum-subarray)	50.0%	Medium	
	54	Spiral Matrix (/problems/spiral-matrix)	43.6%	Medium	
✔	55	Jump Game (/problems/jump-game)	38.4%	Medium	
✔	56	Merge Intervals (/problems/merge-intervals)	45.9%	Medium	
✔	57	Insert Interval (/problems/insert-interval)	37.9%	Medium	
	62	Unique Paths (/problems/unique-paths)	62.2%	Medium	
✔	63	Unique Paths II (/problems/unique-paths-ii)	39.1%	Medium	
✔	64	Minimum Path Sum (/problems/minimum-path-sum)	60.6%	Medium	
✔	70	Climbing Stairs (/problems/climbing-stairs)	51.7%	Easy	
	73	Set Matrix Zeroes (/problems/set-matrix-zeroes)	49.9%	Medium	
✔	74	Search a 2D Matrix (/problems/search-a-2d-matrix)	46.8%	Medium	
	78	Subsets (/problems/subsets)	73.8%	Medium	
	79	Word Search (/problems/word-search)	39.8%	Medium	
✔	83	Remove Duplicates from Sorted List (/problems/remove-duplicates-from-sorted-list)	49.8%	Easy	
✔	88	Merge Sorted Array (/problems/merge-sorted-array)	45.7%	Easy	
✔	91	Decode Ways (/problems/decode-ways)	32.2%	Medium	
	94	Binary Tree Inorder Traversal (/problems/binary-tree-inorder-traversal)	72.9%	Easy	
✔	101	Symmetric Tree (/problems/symmetric-tree)	52.8%	Easy	
✔	103	Binary Tree Zigzag Level Order Traversal (/problems/binary-tree-zigzag-level-order-traversal)	55.1%	Medium	
✔	111	Minimum Depth of Binary Tree (/problems/minimum-depth-of-binary-tree)	43.5%	Easy	
✔	114	Flatten Binary Tree to Linked List (/problems/flatten-binary-tree-to-linked-list)	61.0%	Medium	
	115	Distinct Subsequences (/problems/distinct-subsequences)	43.7%	Hard	
	118	Pascal's Triangle (/problems/pascals-triangle)	68.9%	Easy	
	119	Pascal's Triangle II (/problems/pascals-triangle-ii)	59.6%	Easy	
✔	121	Best Time to Buy and Sell Stock (/problems/best-time-to-buy-and-sell-stock)	54.5%	Easy	
✔	122	Best Time to Buy and Sell Stock II (/problems/best-time-to-buy-and-sell-stock-ii)	63.2%	Medium	
✔	125	Valid Palindrome (/problems/valid-palindrome)	43.5%	Easy	
	127	Word Ladder (/problems/word-ladder)	36.6%	Hard	
✔	128	Longest Consecutive Sequence (/problems/longest-consecutive-sequence)	49.0%	Medium	
	134	Gas Station (/problems/gas-station)	45.0%	Medium	
✔	139	Word Break (/problems/word-break)	45.4%	Medium	
✔	141	Linked List Cycle (/problems/linked-list-cycle)	46.8%	Easy	

#	Title	Acceptance	Difficulty	Frequency ❓
142	Linked List Cycle II (/problems/linked-list-cycle-ii)	46.2%	Medium	
146	LRU Cache (/problems/lru-cache)	40.5%	Medium	
✔ 151	Reverse Words in a String (/problems/reverse-words-in-a-string)	30.2%	Medium	
✔ 152	Maximum Product Subarray (/problems/maximum-product-subarray)	34.9%	Medium	
153	Find Minimum in Rotated Sorted Array (/problems/find-minimum-in-rotated-sorted-array)	48.5%	Medium	
✔ 155	Min Stack (/problems/min-stack)	51.7%	Medium	
✔ 160	Intersection of Two Linked Lists (/problems/intersection-of-two-linked-lists)	53.1%	Easy	
162	Find Peak Element (/problems/find-peak-element)	46.2%	Medium	
166	Fraction to Recurring Decimal (/problems/fraction-to-recurring-decimal)	24.0%	Medium	
✔ 167	Two Sum II - Input Array Is Sorted (/problems/two-sum-ii-input-array-is-sorted)	60.0%	Medium	
168	Excel Sheet Column Title (/problems/excel-sheet-column-title)	34.7%	Easy	
171	Excel Sheet Column Number (/problems/excel-sheet-column-number)	61.3%	Easy	
173	Binary Search Tree Iterator (/problems/binary-search-tree-iterator)	69.0%	Medium	
✔ 179	Largest Number (/problems/largest-number)	33.9%	Medium	
188	Best Time to Buy and Sell Stock IV (/problems/best-time-to-buy-and-sell-stock-iv)	37.8%	Hard	
✔ 198	House Robber (/problems/house-robber)	48.6%	Medium	
✔ 199	Binary Tree Right Side View (/problems/binary-tree-right-side-view)	61.1%	Medium	
200	Number of Islands (/problems/number-of-islands)	56.2%	Medium	
204	Count Primes (/problems/count-primes)	33.1%	Medium	
✔ 206	Reverse Linked List (/problems/reverse-linked-list)	72.3%	Easy	
208	Implement Trie (Prefix Tree) (/problems/implement-trie-prefix-tree)	60.7%	Medium	
209	Minimum Size Subarray Sum (/problems/minimum-size-subarray-sum)	44.4%	Medium	
210	Course Schedule II (/problems/course-schedule-ii)	47.9%	Medium	
212	Word Search II (/problems/word-search-ii)	36.9%	Hard	
✔ 215	Kth Largest Element in an Array (/problems/kth-largest-element-in-an-array)	65.7%	Medium	
218	The Skyline Problem (/problems/the-skyline-problem)	41.5%	Hard	
221	Maximal Square (/problems/maximal-square)	44.5%	Medium	
✔ 222	Count Complete Tree Nodes (/problems/count-complete-tree-nodes)	57.4%	Medium	
225	Implement Stack using Queues (/problems/implement-stack-using-queues)	57.4%	Easy	
✔ 226	Invert Binary Tree (/problems/invert-binary-tree)	73.2%	Easy	
232	Implement Queue using Stacks (/problems/implement-queue-using-stacks)	61.0%	Easy	
234	Palindrome Linked List (/problems/palindrome-linked-list)	49.4%	Easy	
✔ 236	Lowest Common Ancestor of a Binary Tree (/problems/lowest-common-ancestor-of-a-binary-tree)	57.9%	Medium	
237	Delete Node in a Linked List (/problems/delete-node-in-a-linked-list)	75.1%	Medium	
✔ 238	Product of Array Except Self (/problems/product-of-array-except-self)	64.7%	Medium	
239	Sliding Window Maximum (/problems/sliding-window-maximum)	46.6%	Hard	
240	Search a 2D Matrix II (/problems/search-a-2d-matrix-ii)	50.5%	Medium	

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✔ 242	Valid Anagram (/problems/valid-anagram)	62.7%	Easy	
✔ 243	Shortest Word Distance (/problems/shortest-word-distance) 🔓	64.9%	Easy	
✔ 253	Meeting Rooms II (/problems/meeting-rooms-ii) 🔓	50.4%	Medium	
259	3Sum Smaller (/problems/3sum-smaller) 🔓	50.7%	Medium	
266	Palindrome Permutation (/problems/palindrome-permutation) 🔓	65.8%	Easy	
✔ 268	Missing Number (/problems/missing-number)	61.5%	Easy	
270	Closest Binary Search Tree Value (/problems/closest-binary-search-tree-value) 🔓	54.5%	Easy	
274	H-Index (/problems/h-index)	38.1%	Medium	
275	H-Index II (/problems/h-index-ii)	37.4%	Medium	
277	Find the Celebrity (/problems/find-the-celebrity) 🔓	46.7%	Medium	
278	First Bad Version (/problems/first-bad-version)	42.9%	Easy	
283	Move Zeroes (/problems/move-zeroes)	61.3%	Easy	
287	Find the Duplicate Number (/problems/find-the-duplicate-number)	59.1%	Medium	
295	Find Median from Data Stream (/problems/find-median-from-data-stream)	51.1%	Hard	
297	Serialize and Deserialize Binary Tree (/problems/serialize-and-deserialize-binary-tree)	54.9%	Hard	
309	Best Time to Buy and Sell Stock with Cooldown (/problems/best-time-to-buy-and-sell-stock-with-cooldown)	54.4%	Medium	
322	Coin Change (/problems/coin-change)	41.5%	Medium	
325	Maximum Size Subarray Sum Equals k (/problems/maximum-size-subarray-sum-equals-k) 🔓	49.3%	Medium	
326	Power of Three (/problems/power-of-three)	45.2%	Easy	
338	Counting Bits (/problems/counting-bits)	75.2%	Easy	
341	Flatten Nested List Iterator (/problems/flatten-nested-list-iterator)	61.5%	Medium	
344	Reverse String (/problems/reverse-string)	76.1%	Easy	
346	Moving Average from Data Stream (/problems/moving-average-from-data-stream) 🔓	77.0%	Easy	
348	Design Tic-Tac-Toe (/problems/design-tic-tac-toe) 🔓	57.6%	Medium	
373	Find K Pairs with Smallest Sums (/problems/find-k-pairs-with-smallest-sums)	38.4%	Medium	
376	Wiggle Subsequence (/problems/wiggle-subsequence)	48.2%	Medium	
❓ 380	Insert Delete GetRandom O(1) (/problems/insert-delete-getrandom-o1)	52.0%	Medium	
✔ 387	First Unique Character in a String (/problems/first-unique-character-in-a-string)	58.8%	Easy	
390	Elimination Game (/problems/elimination-game)	46.6%	Medium	
394	Decode String (/problems/decode-string)	57.5%	Medium	
399	Evaluate Division (/problems/evaluate-division)	59.5%	Medium	
417	Pacific Atlantic Water Flow (/problems/pacific-atlantic-water-flow)	53.9%	Medium	
438	Find All Anagrams in a String (/problems/find-all-anagrams-in-a-string)	48.9%	Medium	
443	String Compression (/problems/string-compression)	48.7%	Medium	
✔ 445	Add Two Numbers II (/problems/add-two-numbers-ii)	59.4%	Medium	

#	Title	Acceptance	Difficulty	Frequency ⓘ
452	Minimum Number of Arrows to Burst Balloons (/problems/minimum-number-of-arrows-to-burst-balloons)	53.2%	Medium	
453	Minimum Moves to Equal Array Elements (/problems/minimum-moves-to-equal-array-elements)	55.6%	Medium	
457	Circular Array Loop (/problems/circular-array-loop)	32.1%	Medium	
460	LFU Cache (/problems/lfu-cache)	40.3%	Hard	
496	Next Greater Element I (/problems/next-greater-element-i)	71.3%	Easy	
498	Diagonal Traverse (/problems/diagonal-traverse)	58.0%	Medium	
516	Longest Palindromic Subsequence (/problems/longest-palindromic-subsequence)	60.6%	Medium	
518	Coin Change II (/problems/coin-change-ii)	59.8%	Medium	
524	Longest Word in Dictionary through Deleting (/problems/longest-word-in-dictionary-through-deleting)	51.2%	Medium	
532	K-diff Pairs in an Array (/problems/k-diff-pairs-in-an-array)	40.7%	Medium	
547	Number of Provinces (/problems/number-of-provinces)	63.3%	Medium	
560	Subarray Sum Equals K (/problems/subarray-sum-equals-k)	44.0%	Medium	
588	Design In-Memory File System (/problems/design-in-memory-file-system) 🔓	48.8%	Hard	
592	Fraction Addition and Subtraction (/problems/fraction-addition-and-subtraction)	52.1%	Medium	
642	Design Search Autocomplete System (/problems/design-search-autocomplete-system) 🔓	48.7%	Hard	
✔ 647	Palindromic Substrings (/problems/palindromic-substrings)	66.3%	Medium	
657	Robot Return to Origin (/problems/robot-return-to-origin)	75.3%	Easy	
658	Find K Closest Elements (/problems/find-k-closest-elements)	46.7%	Medium	
688	Knight Probability in Chessboard (/problems/knight-probability-in-chessboard)	52.0%	Medium	
✔ 692	Top K Frequent Words (/problems/top-k-frequent-words)	56.8%	Medium	
696	Count Binary Substrings (/problems/count-binary-substrings)	65.5%	Easy	
713	Subarray Product Less Than K (/problems/subarray-product-less-than-k)	45.0%	Medium	
716	Max Stack (/problems/max-stack) 🔓	45.3%	Hard	
720	Longest Word in Dictionary (/problems/longest-word-in-dictionary)	51.8%	Medium	
724	Find Pivot Index (/problems/find-pivot-index)	53.3%	Easy	
730	Count Different Palindromic Subsequences (/problems/count-different-palindromic-subsequences)	44.4%	Hard	
735	Asteroid Collision (/problems/asteroid-collision)	44.4%	Medium	
740	Delete and Earn (/problems/delete-and-earn)	57.4%	Medium	
749	Contain Virus (/problems/contain-virus)	50.8%	Hard	
767	Reorganize String (/problems/reorganize-string)	52.7%	Medium	
701	Insert into a Binary Search Tree (/problems/insert-into-a-binary-search-tree)	74.6%	Medium	
704	Binary Search (/problems/binary-search)	55.1%	Easy	
780	Reaching Points (/problems/reaching-points)	32.3%	Hard	
796	Rotate String (/problems/rotate-string)	54.0%	Easy	

#	Title	Acceptance	Difficulty	Frequency ❓
706	Design HashMap (/problems/design-hashmap)	65.1%	Easy	
829	Consecutive Numbers Sum (/problems/consecutive-numbers-sum)	41.5%	Hard	
641	Design Circular Deque (/problems/design-circular-deque)	57.6%	Medium	
862	Shortest Subarray with Sum at Least K (/problems/shortest-subarray-with-sum-at-least-k)	26.1%	Hard	
863	All Nodes Distance K in Binary Tree (/problems/all-nodes-distance-k-in-binary-tree)	62.1%	Medium	
871	Minimum Number of Refueling Stops (/problems/minimum-number-of-refueling-stops)	39.9%	Hard	
876	Middle of the Linked List (/problems/middle-of-the-linked-list)	73.7%	Easy	
909	Snakes and Ladders (/problems/snakes-and-ladders)	40.8%	Medium	
931	Minimum Falling Path Sum (/problems/minimum-falling-path-sum)	68.4%	Medium	
943	Find the Shortest Superstring (/problems/find-the-shortest-superstring)	45.0%	Hard	
509	Fibonacci Number (/problems/fibonacci-number)	69.2%	Easy	
983	Minimum Cost For Tickets (/problems/minimum-cost-for-tickets)	64.4%	Medium	
994	Rotting Oranges (/problems/rotting-oranges)	52.4%	Medium	
1010	Pairs of Songs With Total Durations Divisible by 60 (/problems/pairs-of-songs-with-total-durations-divisible-by-60)	53.0%	Medium	
1086	High Five (/problems/high-five) 🔓	75.2%	Easy	
1041	Robot Bounded In Circle (/problems/robot-bounded-in-circle)	55.3%	Medium	
1167	Minimum Cost to Connect Sticks (/problems/minimum-cost-to-connect-sticks) 🔓	67.7%	Medium	
1046	Last Stone Weight (/problems/last-stone-weight)	64.7%	Easy	
1049	Last Stone Weight II (/problems/last-stone-weight-ii)	52.4%	Medium	
1163	Last Substring in Lexicographical Order (/problems/last-substring-in-lexicographical-order)	35.1%	Hard	
1051	Height Checker (/problems/height-checker)	75.0%	Easy	
1197	Minimum Knight Moves (/problems/minimum-knight-moves) 🔓	39.7%	Medium	
1071	Greatest Common Divisor of Strings (/problems/greatest-common-divisor-of-strings)	51.0%	Easy	
1109	Corporate Flight Bookings (/problems/corporate-flight-bookings)	60.3%	Medium	
1116	Print Zero Even Odd (/problems/print-zero-even-odd)	60.1%	Medium	
1146	Snapshot Array (/problems/snapshot-array)	37.3%	Medium	
1328	Break a Palindrome (/problems/break-a-palindrome)	53.3%	Medium	
1382	Balance a Binary Search Tree (/problems/balance-a-binary-search-tree)	80.6%	Medium	
1186	Maximum Subarray Sum with One Deletion (/problems/maximum-subarray-sum-with-one-deletion)	41.2%	Medium	
1209	Remove All Adjacent Duplicates in String II (/problems/remove-all-adjacent-duplicates-in-string-ii)	56.0%	Medium	
1219	Path with Maximum Gold (/problems/path-with-maximum-gold)	64.4%	Medium	
2191	Sort the Jumbled Numbers (/problems/sort-the-jumbled-numbers)	45.1%	Medium	
1427	Perform String Shifts (/problems/perform-string-shifts) 🔓	54.2%	Easy	
1249	Minimum Remove to Make Valid Parentheses (/problems/minimum-remove-to-make-valid-parentheses)	65.6%	Medium	

#	Title	Acceptance	Difficulty	Frequency ❓
1268	Search Suggestions System (/problems/search-suggestions-system)	66.7%	Medium	
1296	Divide Array in Sets of K Consecutive Numbers (/problems/divide-array-in-sets-of-k-consecutive-numbers)	56.5%	Medium	
1306	Jump Game III (/problems/jump-game-iii)	63.0%	Medium	
1326	Minimum Number of Taps to Open to Water a Garden (/problems/minimum-number-of-taps-to-open-to-water-a-garden)	47.8%	Hard	
1356	Sort Integers by The Number of 1 Bits (/problems/sort-integers-by-the-number-of-1-bits)	72.0%	Easy	
1351	Count Negative Numbers in a Sorted Matrix (/problems/count-negative-numbers-in-a-sorted-matrix)	75.3%	Easy	
1353	Maximum Number of Events That Can Be Attended (/problems/maximum-number-of-events-that-can-be-attended)	32.9%	Medium	
1395	Count Number of Teams (/problems/count-number-of-teams)	68.3%	Medium	
1465	Maximum Area of a Piece of Cake After Horizontal and Vertical Cuts (/problems/maximum-area-of-a-piece-of-cake-after-horizontal-and-vertical-cuts)	40.8%	Medium	
1570	Dot Product of Two Sparse Vectors (/problems/dot-product-of-two-sparse-vectors) 🔓	90.4%	Medium	
1750	Minimum Length of String After Deleting Similar Ends (/problems/minimum-length-of-string-after-deleting-similar-ends)	43.6%	Medium	
1771	Maximize Palindrome Length From Subsequences (/problems/maximize-palindrome-length-from-subsequences)	35.2%	Hard	
1823	Find the Winner of the Circular Game (/problems/find-the-winner-of-the-circular-game)	77.7%	Medium	
1832	Check if the Sentence Is Pangram (/problems/check-if-the-sentence-is-pangram)	84.0%	Easy	
1836	Remove Duplicates From an Unsorted Linked List (/problems/remove-duplicates-from-an-unsorted-linked-list) 🔓	69.3%	Medium	
2087	Minimum Cost Homecoming of a Robot in a Grid (/problems/minimum-cost-homecoming-of-a-robot-in-a-grid)	51.3%	Medium	
2097	Valid Arrangement of Pairs (/problems/valid-arrangement-of-pairs)	40.9%	Hard	
2154	Keep Multiplying Found Values by Two (/problems/keep-multiplying-found-values-by-two)	73.3%	Easy	
2266	Count Number of Texts (/problems/count-number-of-texts)	47.4%	Medium	
2300	Successful Pairs of Spells and Potions (/problems/successful-pairs-of-spells-and-potions)	31.5%	Medium	
2420	Find All Good Indices (/problems/find-all-good-indices)	36.8%	Medium	

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