

## Goldman Sachs

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### 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 **146 / 217** problems.

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All time

#	Title	Acceptance	Difficulty	Frequency ?
✓ 1041	<a href="/problems/robot-bounded-in-circle/">Robot Bounded In Circle (/problems/robot-bounded-in-circle/)</a>	55.3%	Medium	
1086	<a href="/problems/high-five/">High Five (/problems/high-five/)</a>	75.1%	Easy	
1163	<a href="/problems/last-substring-in-lexicographical-order/">Last Substring in Lexicographical Order (/problems/last-substring-in-lexicographical-order/)</a>	34.9%	Hard	
✓ 42	<a href="/problems/trapping-rain-water/">Trapping Rain Water (/problems/trapping-rain-water/)</a>	58.9%	Hard	
780	<a href="/problems/reaching-points/">Reaching Points (/problems/reaching-points/)</a>	32.5%	Hard	
592	<a href="/problems/fraction-addition-and-subtraction/">Fraction Addition and Subtraction (/problems/fraction-addition-and-subtraction/)</a>	52.2%	Medium	
✓ 740	<a href="/problems/delete-and-earn/">Delete and Earn (/problems/delete-and-earn/)</a>	57.3%	Medium	
166	<a href="/problems/fraction-to-recurring-decimal/">Fraction to Recurring Decimal (/problems/fraction-to-recurring-decimal/)</a>	24.1%	Medium	
443	<a href="/problems/string-compression/">String Compression (/problems/string-compression/)</a>	49.0%	Medium	
✓ 1395	<a href="/problems/count-number-of-teams/">Count Number of Teams (/problems/count-number-of-teams/)</a>	67.9%	Medium	
688	<a href="/problems/knight-probability-in-chessboard/">Knight Probability in Chessboard (/problems/knight-probability-in-chessboard/)</a>	52.1%	Medium	
862	<a href="/problems/shortest-subarray-with-sum-at-least-k/">Shortest Subarray with Sum at Least K (/problems/shortest-subarray-with-sum-at-least-k/)</a>	26.1%	Hard	
✓ 209	<a href="/problems/minimum-size-subarray-sum/">Minimum Size Subarray Sum (/problems/minimum-size-subarray-sum/)</a> ★	44.6%	Medium	
829	<a href="/problems/consecutive-numbers-sum/">Consecutive Numbers Sum (/problems/consecutive-numbers-sum/)</a>	41.6%	Hard	

#	Title	Acceptance	Difficulty	Frequency ?
✓ 387	First Unique Character in a String (/problems/first-unique-character-in-a-string) ★	59.1%	Easy	
✓ 4	Median of Two Sorted Arrays (/problems/median-of-two-sorted-arrays)	35.4%	Hard	
524	Longest Word in Dictionary through Deleting (/problems/longest-word-in-dictionary-through-deleting)	51.2%	Medium	
✓ 706	Design HashMap (/problems/design-hashmap)	65.0%	Easy	
✓ 1010	Pairs of Songs With Total Durations Divisible by 60 (/problems/pairs-of-songs-with-total-durations-divisible-by-60)	52.9%	Medium	
657	Robot Return to Origin (/problems/robot-return-to-origin)	75.3%	Easy	
✓ 1328	Break a Palindrome (/problems/break-a-palindrome)	53.1%	Medium	
✓ 532	K-diff Pairs in an Array (/problems/k-diff-pairs-in-an-array)	40.8%	Medium	
✓ 49	Group Anagrams (/problems/group-anagrams) ★	66.6%	Medium	
749	Contain Virus (/problems/contain-virus)	50.9%	Hard	
✓ 647	Palindromic Substrings (/problems/palindromic-substrings)	66.5%	Medium	
✓ 1209	Remove All Adjacent Duplicates in String II (/problems/remove-all-adjacent-duplicates-in-string-ii)	56.0%	Medium	
1836	Remove Duplicates From an Unsorted Linked List (/problems/remove-duplicates-from-an-unsorted-linked-list) 🔒	69.7%	Medium	
✓ 238	Product of Array Except Self (/problems/product-of-array-except-self)	64.8%	Medium	
✓ 121	Best Time to Buy and Sell Stock (/problems/best-time-to-buy-and-sell-stock) ★	54.4%	Easy	
457	Circular Array Loop (/problems/circular-array-loop)	32.3%	Medium	
730	Count Different Palindromic Subsequences (/problems/count-different-palindromic-subsequences)	44.6%	Hard	
✓ 1219	Path with Maximum Gold (/problems/path-with-maximum-gold)	63.9%	Medium	
✓ 64	Minimum Path Sum (/problems/minimum-path-sum)	60.8%	Medium	
720	Longest Word in Dictionary (/problems/longest-word-in-dictionary)	51.9%	Medium	
✓ 8	String to Integer (atoi) (/problems/string-to-integer-atoi) ★	16.6%	Medium	
✓ 146	LRU Cache (/problems/lru-cache)	40.5%	Medium	
✓ 724	Find Pivot Index (/problems/find-pivot-index)	53.6%	Easy	
✓ 91	Decode Ways (/problems/decode-ways)	32.4%	Medium	


#	Title	Acceptance	Difficulty	Frequency ?
274	H-Index (/problems/h-index)	38.2%	Medium	
✓ 322	Coin Change (/problems/coin-change) ★	41.6%	Medium	
✓ 547	Number of Provinces (/problems/number-of-provinces)	63.4%	Medium	
✓ 11	Container With Most Water (/problems/container-with-most-water)	54.3%	Medium	
✓ 1051	Height Checker (/problems/height-checker)	75.2%	Easy	
✓ 1186	Maximum Subarray Sum with One Deletion (/problems/maximum-subarray-sum-with-one-deletion)	41.3%	Medium	
243	Shortest Word Distance (/problems/shortest-word-distance) 📌	64.9%	Easy	
453	Minimum Moves to Equal Array Elements (/problems/minimum-moves-to-equal-array-elements)	55.8%	Medium	
696	Count Binary Substrings (/problems/count-binary-substrings)	65.6%	Easy	
✓ 215	Kth Largest Element in an Array (/problems/kth-largest-element-in-an-array)	65.8%	Medium	
1823	Find the Winner of the Circular Game (/problems/find-the-winner-of-the-circular-game)	78.0%	Medium	
✓ 1	Two Sum (/problems/two-sum) ★	49.1%	Easy	
✓ 153	Find Minimum in Rotated Sorted Array (/problems/find-minimum-in-rotated-sorted-array) ★	48.6%	Medium	
909	Snakes and Ladders (/problems/snakes-and-ladders)	40.9%	Medium	
✓ 218	The Skyline Problem (/problems/the-skyline-problem)	41.6%	Hard	
✓ 1071	Greatest Common Divisor of Strings (/problems/greatest-common-divisor-of-strings)	51.0%	Easy	
✓ 70	Climbing Stairs (/problems/climbing-stairs)	52.1%	Easy	
✓ 1356	Sort Integers by The Number of 1 Bits (/problems/sort-integers-by-the-number-of-1-bits)	72.1%	Easy	
✓ 122	Best Time to Buy and Sell Stock II (/problems/best-time-to-buy-and-sell-stock-ii) ★	63.4%	Medium	
✓ 179	Largest Number (/problems/largest-number)	34.1%	Medium	
✓ 200	Number of Islands (/problems/number-of-islands) ★	56.5%	Medium	
? 1296	Divide Array in Sets of K Consecutive Numbers (/problems/divide-array-in-sets-of-k-consecutive-numbers)	56.6%	Medium	
✓ 295	Find Median from Data Stream (/problems/find-median-from-data-stream)	51.5%	Hard	

#	Title	Acceptance	Difficulty	Frequency ?
1326	Minimum Number of Taps to Open to Water a Garden (/problems/minimum-number-of-taps-to-open-to-water-a-garden)	47.7%	Hard	
275	H-Index II (/problems/h-index-ii)	37.4%	Medium	
✓ 240	Search a 2D Matrix II (/problems/search-a-2d-matrix-ii)	50.7%	Medium	
✓ 498	Diagonal Traverse (/problems/diagonal-traverse)	58.2%	Medium	
✓ 5	Longest Palindromic Substring (/problems/longest-palindromic-substring)	32.4%	Medium	
✓ 33	Search in Rotated Sorted Array (/problems/search-in-rotated-sorted-array) ★	38.8%	Medium	
✓ 188	Best Time to Buy and Sell Stock IV (/problems/best-time-to-buy-and-sell-stock-iv)	38.2%	Hard	
713	Subarray Product Less Than K (/problems/subarray-product-less-than-k)	45.3%	Medium	
✓ 54	Spiral Matrix (/problems/spiral-matrix)	44.0%	Medium	
✓ 53	Maximum Subarray (/problems/maximum-subarray) ★	50.1%	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)	40.9%	Medium	
1353	Maximum Number of Events That Can Be Attended (/problems/maximum-number-of-events-that-can-be-attended)	32.7%	Medium	
✓ 155	Min Stack (/problems/min-stack)	52.0%	Medium	
119	Pascal's Triangle II (/problems/pascals-triangle-ii)	59.9%	Easy	
✓ 56	Merge Intervals (/problems/merge-intervals)	46.0%	Medium	
✓ 3	Longest Substring Without Repeating Characters (/problems/longest-substring-without-repeating-characters) ★	33.8%	Medium	
✓ 31	Next Permutation (/problems/next-permutation) ★	37.2%	Medium	
460	LFU Cache (/problems/lfu-cache)	40.5%	Hard	
445	Add Two Numbers II (/problems/add-two-numbers-ii)	59.6%	Medium	
✓ 134	Gas Station (/problems/gas-station)	45.1%	Medium	
1167	Minimum Cost to Connect Sticks (/problems/minimum-cost-to-connect-sticks) 📌	67.8%	Medium	
943	Find the Shortest Superstring (/problems/find-the-shortest-superstring)	44.7%	Hard	
277	Find the Celebrity (/problems/find-the-celebrity) 📌	46.5%	Medium	
✓ 50	Pow(x, n) (/problems/powx-n) ★	32.8%	Medium	

#	Title	Acceptance	Difficulty	Frequency ?
✓ 326	Power of Three (/problems/power-of-three)	45.3%	Easy	
✓ 141	Linked List Cycle (/problems/linked-list-cycle) ★	47.0%	Easy	
239	Sliding Window Maximum (/problems/sliding-window-maximum)	46.6%	Hard	
588	Design In-Memory File System (/problems/design-in-memory-file-system) 📌	48.8%	Hard	
641	Design Circular Deque (/problems/design-circular-deque)	57.6%	Medium	
259	3Sum Smaller (/problems/3sum-smaller) 📌	50.7%	Medium	
✓ 118	Pascal's Triangle (/problems/pascals-triangle)	69.5%	Easy	
? 253	Meeting Rooms II (/problems/meeting-rooms-ii) ★ 📌	50.5%	Medium	
716	Max Stack (/problems/max-stack) 📌	45.3%	Hard	
✓ 242	Valid Anagram (/problems/valid-anagram)	62.8%	Easy	
✓ 62	Unique Paths (/problems/unique-paths) ★	62.4%	Medium	
✓ 51	N-Queens (/problems/n-queens)	63.3%	Hard	
✓ 15	3Sum (/problems/3sum)	32.4%	Medium	
✓ 206	Reverse Linked List (/problems/reverse-linked-list) ★	72.7%	Easy	
✓ 83	Remove Duplicates from Sorted List (/problems/remove-duplicates-from-sorted-list) ★	50.0%	Easy	
✓ 74	Search a 2D Matrix (/problems/search-a-2d-matrix)	47.1%	Medium	
325	Maximum Size Subarray Sum Equals k (/problems/maximum-size-subarray-sum-equals-k) 📌	49.3%	Medium	
2097	Valid Arrangement of Pairs (/problems/valid-arrangement-of-pairs)	41.1%	Hard	
✓ 1995	Count Special Quadruplets (/problems/count-special-quadruplets)	59.4%	Easy	
✓ 344	Reverse String (/problems/reverse-string)	76.3%	Easy	
✓ 516	Longest Palindromic Subsequence (/problems/longest-palindromic-subsequence)	60.7%	Medium	
✓ 78	Subsets (/problems/subsets) ★	74.1%	Medium	
✓ 46	Permutations (/problems/permutations) ★	75.0%	Medium	
266	Palindrome Permutation (/problems/palindrome-permutation) 📌	65.9%	Easy	
✓ 2087	Minimum Cost Homecoming of a Robot in a Grid (/problems/minimum-cost-homecoming-of-a-robot-in-a-grid)	51.4%	Medium	
2438	Range Product Queries of Powers (/problems/range-product-queries-of-powers)	38.5%	Medium	


#	Title	Acceptance	Difficulty	Frequency ?
1570	Dot Product of Two Sparse Vectors (/problems/dot-product-of-two-sparse-vectors) 📌	90.4%	Medium	
✓ 1832	Check if the Sentence Is Pangram (/problems/check-if-the-sentence-is-pangram)	83.8%	Easy	
✓ 198	House Robber (/problems/house-robber) ★	48.8%	Medium	
1146	Snapshot Array (/problems/snapshot-array)	37.3%	Medium	
✓ 692	Top K Frequent Words (/problems/top-k-frequent-words)	56.9%	Medium	
1432	Max Difference You Can Get From Changing an Integer (/problems/max-difference-you-can-get-from-changing-an-integer)	42.9%	Medium	
168	Excel Sheet Column Title (/problems/excel-sheet-column-title)	34.9%	Easy	
1382	Balance a Binary Search Tree (/problems/balance-a-binary-search-tree)	80.7%	Medium	
✓ 20	Valid Parentheses (/problems/valid-parentheses) ★	40.6%	Easy	
✓ 17	Letter Combinations of a Phone Number (/problems/letter-combinations-of-a-phone-number)	55.8%	Medium	
✓ 204	Count Primes (/problems/count-primes)	33.1%	Medium	
✓ 518	Coin Change II (/problems/coin-change-ii)	60.0%	Medium	
✓ 399	Evaluate Division (/problems/evaluate-division)	59.6%	Medium	
✓ 1413	Minimum Value to Get Positive Step by Step Sum (/problems/minimum-value-to-get-positive-step-by-step-sum)	67.9%	Easy	
✓ 232	Implement Queue using Stacks (/problems/implement-queue-using-stacks)	61.4%	Easy	
✓ 79	Word Search (/problems/word-search)	40.1%	Medium	
✓ 22	Generate Parentheses (/problems/generate-parentheses) ★	72.0%	Medium	
✓ 283	Move Zeroes (/problems/move-zeroes) ★	61.4%	Easy	
✓ 142	Linked List Cycle II (/problems/linked-list-cycle-ii) ★	46.6%	Medium	
✓ 931	Minimum Falling Path Sum (/problems/minimum-falling-path-sum)	68.8%	Medium	
✓ 199	Binary Tree Right Side View (/problems/binary-tree-right-side-view)	61.3%	Medium	
270	Closest Binary Search Tree Value (/problems/closest-binary-search-tree-value) 📌	54.6%	Easy	
346	Moving Average from Data Stream (/problems/moving-average-from-data-stream) 📌	77.1%	Easy	

#	Title	Acceptance	Difficulty	Frequency ?
✓ 208	Implement Trie (Prefix Tree) (/problems/implement-trie-prefix-tree)	61.1%	Medium	
✓ 45	Jump Game II (/problems/jump-game-ii)	38.7%	Medium	
✓ 380	Insert Delete GetRandom O(1) (/problems/insert-delete-getrandom-o1)	52.9%	Medium	
✓ 160	Intersection of Two Linked Lists (/problems/intersection-of-two-linked-lists)	53.5%	Easy	
✓ 73	Set Matrix Zeroes (/problems/set-matrix-zeroes)	50.3%	Medium	
348	Design Tic-Tac-Toe (/problems/design-tic-tac-toe) 📌	57.6%	Medium	
✓ 23	Merge k Sorted Lists (/problems/merge-k-sorted-lists)	48.5%	Hard	
✓ 111	Minimum Depth of Binary Tree (/problems/minimum-depth-of-binary-tree) ★	43.8%	Easy	
✓ 221	Maximal Square (/problems/maximal-square)	44.6%	Medium	
✓ 452	Minimum Number of Arrows to Burst Balloons (/problems/minimum-number-of-arrows-to-burst-balloons)	53.2%	Medium	
✓ 735	Asteroid Collision (/problems/asteroid-collision)	44.4%	Medium	
983	Minimum Cost For Tickets (/problems/minimum-cost-for-tickets)	64.4%	Medium	
✓ 103	Binary Tree Zigzag Level Order Traversal (/problems/binary-tree-zigzag-level-order-traversal) ★	55.3%	Medium	
✓ 417	Pacific Atlantic Water Flow (/problems/pacific-atlantic-water-flow)	54.1%	Medium	
✓ 212	Word Search II (/problems/word-search-ii)	36.8%	Hard	
✓ 994	Rotting Oranges (/problems/rotting-oranges)	52.6%	Medium	
✓ 225	Implement Stack using Queues (/problems/implement-stack-using-queues)	57.8%	Easy	
✓ 139	Word Break (/problems/word-break) ★	45.5%	Medium	
1049	Last Stone Weight II (/problems/last-stone-weight-ii)	52.6%	Medium	
✓ 394	Decode String (/problems/decode-string)	57.7%	Medium	
✓ 1306	Jump Game III (/problems/jump-game-iii)	63.1%	Medium	
642	Design Search Autocomplete System (/problems/design-search-autocomplete-system) 📌	48.7%	Hard	
16	3Sum Closest (/problems/3sum-closest)	46.1%	Medium	
373	Find K Pairs with Smallest Sums (/problems/find-k-pairs-with-smallest-sums) ★	38.3%	Medium	
✓ 237	Delete Node in a Linked List (/problems/delete-node-in-a-linked-list)	75.4%	Medium	

#	Title	Acceptance	Difficulty	Frequency ?
796	Rotate String (/problems/rotate-string)	54.3%	Easy	
✓ 88	Merge Sorted Array (/problems/merge-sorted-array)	45.9%	Easy	
✓ 36	Valid Sudoku (/problems/valid-sudoku)	57.7%	Medium	
✓ 63	Unique Paths II (/problems/unique-paths-ii) ★	39.2%	Medium	
✓ 39	Combination Sum (/problems/combination-sum) ★	67.9%	Medium	
✓ 863	All Nodes Distance K in Binary Tree (/problems/all-nodes-distance-k-in-binary-tree)	62.2%	Medium	
✓ 13	Roman to Integer (/problems/roman-to-integer)	58.2%	Easy	
871	Minimum Number of Refueling Stops (/problems/minimum-number-of-refueling-stops)	39.8%	Hard	
✓ 236	Lowest Common Ancestor of a Binary Tree (/problems/lowest-common-ancestor-of-a-binary-tree)	58.2%	Medium	
341	Flatten Nested List Iterator (/problems/flatten-nested-list-iterator)	61.6%	Medium	
✓ 297	Serialize and Deserialize Binary Tree (/problems/serialize-and-deserialize-binary-tree)	55.1%	Hard	
✓ 2	Add Two Numbers (/problems/add-two-numbers) ★	39.9%	Medium	
✓ 38	Count and Say (/problems/count-and-say)	51.5%	Medium	
✓ 222	Count Complete Tree Nodes (/problems/count-complete-tree-nodes)	59.9%	Medium	
✓ 94	Binary Tree Inorder Traversal (/problems/binary-tree-inorder-traversal) ★	73.2%	Easy	
✓ 658	Find K Closest Elements (/problems/find-k-closest-elements)	46.8%	Medium	
✓ 210	Course Schedule II (/problems/course-schedule-ii)	48.1%	Medium	
✓ 438	Find All Anagrams in a String (/problems/find-all-anagrams-in-a-string)	49.0%	Medium	
1197	Minimum Knight Moves (/problems/minimum-knight-moves) 	39.7%	Medium	
2484	Count Palindromic Subsequences (/problems/count-palindromic-subsequences)	30.0%	Hard	
✓ 32	Longest Valid Parentheses (/problems/longest-valid-parentheses)	32.7%	Hard	
✓ 152	Maximum Product Subarray (/problems/maximum-product-subarray)	34.9%	Medium	
✓ 167	Two Sum II - Input Array Is Sorted (/problems/two-sum-ii-input-array-is-sorted)	60.0%	Medium	
✓ 226	Invert Binary Tree (/problems/invert-binary-tree)	73.5%	Easy	



#	Title	Acceptance	Difficulty	Frequency ?
✓ 767	Reorganize String (/problems/reorganize-string)	52.8%	Medium	
✓ 128	Longest Consecutive Sequence (/problems/longest-consecutive-sequence)	48.9%	Medium	
✓ 171	Excel Sheet Column Number (/problems/excel-sheet-column-number)	61.5%	Easy	
✓ 287	Find the Duplicate Number (/problems/find-the-duplicate-number)	59.1%	Medium	
✓ 496	Next Greater Element I (/problems/next-greater-element-i)	71.4%	Easy	
✓ 101	Symmetric Tree (/problems/symmetric-tree)	53.1%	Easy	
✓ 57	Insert Interval (/problems/insert-interval)	38.0%	Medium	
✓ 114	Flatten Binary Tree to Linked List (/problems/flatten-binary-tree-to-linked-list)	61.3%	Medium	
✓ 1046	Last Stone Weight (/problems/last-stone-weight)	64.7%	Easy	
✓ 55	Jump Game (/problems/jump-game)	38.5%	Medium	
✓ 162	Find Peak Element (/problems/find-peak-element)	46.2%	Medium	
✓ 125	Valid Palindrome (/problems/valid-palindrome)	43.8%	Easy	
✓ 127	Word Ladder (/problems/word-ladder) ★	36.8%	Hard	
✓ 338	Counting Bits (/problems/counting-bits)	75.3%	Easy	
1351	Count Negative Numbers in a Sorted Matrix (/problems/count-negative-numbers-in-a-sorted-matrix)	75.3%	Easy	
✓ 133	Clone Graph (/problems/clone-graph)	51.0%	Medium	
✓ 509	Fibonacci Number (/problems/fibonacci-number)	69.3%	Easy	
✓ 876	Middle of the Linked List (/problems/middle-of-the-linked-list)	74.7%	Easy	
✓ 28	Find the Index of the First Occurrence in a String (/problems/find-the-index-of-the-first-occurrence-in-a-string)	37.7%	Medium	
✓ 173	Binary Search Tree Iterator (/problems/binary-search-tree-iterator)	69.3%	Medium	
✓ 701	Insert into a Binary Search Tree (/problems/insert-into-a-binary-search-tree)	74.5%	Medium	
✓ 704	Binary Search (/problems/binary-search)	55.1%	Easy	
✓ 278	First Bad Version (/problems/first-bad-version)	43.0%	Easy	
1109	Corporate Flight Bookings (/problems/corporate-flight-bookings)	60.5%	Medium	
1116	Print Zero Even Odd (/problems/print-zero-even-odd)	60.3%	Medium	

#	Title	Acceptance	Difficulty	Frequency ?
2191	Sort the Jumbled Numbers (/problems/sort-the-jumbled-numbers)	45.4%	Medium	
1427	Perform String Shifts (/problems/perform-string-shifts) 	54.3%	Easy	
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	
✓ 2154	Keep Multiplying Found Values by Two (/problems/keep-multiplying-found-values-by-two)	73.1%	Easy	
2266	Count Number of Texts (/problems/count-number-of-texts)	47.3%	Medium	
2300	Successful Pairs of Spells and Potions (/problems/successful-pairs-of-spells-and-potions)	31.8%	Medium	
2420	Find All Good Indices (/problems/find-all-good-indices)	37.3%	Medium	
✓ 2446	Determine if Two Events Have Conflict (/problems/determine-if-two-events-have-conflict)	49.5%	Easy	

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