New

Algorithms   **Database**   **Shell**   **Concurrency**

(/problemset/algorithms/)(/problemset/database/)(/problemset/shell/) (/problemset/concurrency/)

All Problems
(/problemset/all/)

≣ Top 100 Liked Questions
(/problemset/top-100-liked-questions/)

≣ Top Amazon Questions   🔓
(/problemset/top-amazon-questions/)

≣ Top Facebook Questions   🔓
(/problemset/top-facebook-questions/)

≣ Top Google Questions   🔓
(/problemset/top-google-questions/)

≣ Top Interview Questions
(/problemset/top-interview-questions/)

≣ Top LinkedIn Questions   🔓
(/problemset/top-linkedin-questions/)

♥ Contribute Question
(/contribute/)

(338/1298 Solved) - (Easy 114) (Medium 170) (Hard 54)   Pick One ⇄ (/problems/random-one-question/all)

Hard ✖

	#	Title	Solution	Acceptance	Difficulty	Frequency ❓
✔	42	Trapping Rain Water (/problems/trapping-rain-water)	📄 (/articles/trapping-rain-water)	46.1%	Hard	
✔	4	Median of Two Sorted Arrays (/problems/median-of-two-sorted-arrays)	📄 (/articles/median-of-two-sorted-arrays)	28.0%	Hard	
✔	1192	Critical Connections in a Network (/problems/critical-connections-in-a-network)		48.8%	Hard	
✔	23	Merge k Sorted Lists (/problems/merge-k-sorted-lists)	📄 (/articles/merge-k-sorted-list)	37.4%	Hard	
✔	76	Minimum Window Substring (/problems/minimum-window-substring) ★	📄 (/articles/minimum-window-substring)	32.8%	Hard	
✔	273	Integer to English Words (/problems/integer-to-english-words)	📄 (/articles/integer-to-english-words)	25.5%	Hard	
✔	301	Remove Invalid Parentheses (/problems/remove-invalid-parentheses)	📄 (/articles/remove-invalid-parentheses)	41.2%	Hard	

	#	Title	Solution	Acceptance	Difficulty	Frequency ❓
✔	297	Serialize and Deserialize Binary Tree (/problems/serialize-and-deserialize-binary-tree)	📄 (/articles/serialize-and-deserialize-binary-tree)	44.2%	Hard	
	269	Alien Dictionary (/problems/alien-dictionary) 🔓 ★		33.5%	Hard	
	68	Text Justification (/problems/text-justification)		25.3%	Hard	
	336	Palindrome Pairs (/problems/palindrome-pairs)		32.4%	Hard	
	741	Cherry Pickup (/problems/cherry-pickup) ★	📄 (/articles/cherry-pickup)	32.6%	Hard	
✔	124	Binary Tree Maximum Path Sum (/problems/binary-tree-maximum-path-sum)	📄 (/articles/binary-tree-maximum-path-sum)	31.8%	Hard	
✔	41	First Missing Positive (/problems/first-missing-positive)	📄 (/articles/first-missing-positive)	30.4%	Hard	
✔	85	Maximal Rectangle (/problems/maximal-rectangle)	📄 (/articles/maximal-rectangle)	35.4%	Hard	
✔	10	Regular Expression Matching (/problems/regular-expression-matching)	📄 (/articles/regular-expression-matching)	26.0%	Hard	
	642	Design Search Autocomplete System (/problems/design-search-autocomplete-system) 🔓	📄 (/articles/design-search-autocomplete-system)	41.8%	Hard	

	#	Title	Solution	Acceptance	Difficulty	Frequency ❓
✔	32	Longest Valid Parentheses (/problems/longest-valid-parentheses)	📄 (/articles/longest-valid-parentheses)	26.9%	Hard	
	218	The Skyline Problem (/problems/the-skyline-problem) ★	📄 (/articles/skyline-problem)	33.0%	Hard	
	312	Burst Balloons (/problems/burst-balloons) ★	📄 (/articles/burst-balloons)	49.4%	Hard	
	212	Word Search II (/problems/word-search-ii)	📄 (/articles/word-search-ii)	31.3%	Hard	
	829	Consecutive Numbers Sum (/problems/consecutive-numbers-sum)	📄 (/articles/consecutive-numbers-sum)	35.6%	Hard	
	759	Employee Free Time (/problems/employee-free-time) 🔓	📄 (/articles/employee-free-time)	63.8%	Hard	
✔	295	Find Median from Data Stream (/problems/find-median-from-data-stream) ★	📄 (/articles/find-median-from-data-stream)	40.2%	Hard	
	460	LFU Cache (/problems/lfu-cache)		31.7%	Hard	
✔	45	Jump Game II (/problems/jump-game-ii)		29.4%	Hard	
✔	72	Edit Distance (/problems/edit-distance)	📄 (/articles/edit-distance)	40.5%	Hard	

	#	Title	Solution	Acceptance	Difficulty	Frequency ❓
✔	239	Sliding Window Maximum (/problems/sliding-window-maximum)	📄 (/articles/sliding-window-maximum)	40.2%	Hard	
✔	315	Count of Smaller Numbers After Self (/problems/count-of-smaller-numbers-after-self)		40.1%	Hard	
	158	Read N Characters Given Read4 II - Call multiple times (/problems/read-n-characters-given-read4-ii-call-multiple-times) 🔓		29.7%	Hard	
✔	410	Split Array Largest Sum (/problems/split-array-largest-sum)	📄 (/articles/split-array-largest-sum)	43.4%	Hard	
	780	Reaching Points (/problems/reaching-points)	📄 (/articles/reaching-points)	28.7%	Hard	
✔	44	Wildcard Matching (/problems/wildcard-matching)	📄 (/articles/wildcard-matching)	23.8%	Hard	
✔	224	Basic Calculator (/problems/basic-calculator) ★	📄 (/articles/basic-calculator)	34.9%	Hard	
✔	140	Word Break II (/problems/word-break-ii)	📄 (/articles/word-break-ii)	29.1%	Hard	
✔	128	Longest Consecutive Sequence (/problems/longest-consecutive-sequence)	📄 (/articles/longest-consecutive-sequence)	43.4%	Hard	

	#	Title	Solution	Acceptance	Difficulty	Frequency ❓
	37	Sudoku Solver (/problems/sudoku-solver)	📄 (/articles/sudoku-solver)	40.0%	Hard	
	772	Basic Calculator III (/problems/basic-calculator-iii) 🔓		41.0%	Hard	
	57	Insert Interval (/problems/insert-interval)	📄 (/articles/insert-interval)	32.3%	Hard	
	843	Guess the Word (/problems/guess-the-word)	📄 (/articles/guess-the-word)	45.3%	Hard	
✔	97	Interleaving String (/problems/interleaving-string)	📄 (/articles/interleaving-strings)	29.7%	Hard	
✔	25	Reverse Nodes in k-Group (/problems/reverse-nodes-in-k-group)		38.9%	Hard	
	65	Valid Number (/problems/valid-number)		14.6%	Hard	
✔	51	N-Queens (/problems/n-queens)	📄 (/articles/n-queens)	42.8%	Hard	
✔	126	Word Ladder II (/problems/word-ladder-ii)		19.9%	Hard	
✔	214	Shortest Palindrome (/problems/shortest-palindrome)	📄 (/articles/shortest-palindrome)	28.6%	Hard	

	#	Title	Solution	Acceptance	Difficulty	Frequency ❓
✔	149	Max Points on a Line (/problems/max-points-on-a-line)	📄 (/articles/max-points-on-a-line)	16.4%	Hard	
✔	472	Concatenated Words (/problems/concatenated-words)		39.3%	Hard	
	964	Least Operators to Express Number (/problems/least-operators-to-express-number)	📄 (/articles/least-operators-to-express-number)	42.5%	Hard	
✔	340	Longest Substring with At Most K Distinct Characters (/problems/longest-substring-with-at-most-k-distinct-characters) 🔓	📄 (/articles/longest-substring-with-at-most-k-distinct-characte)	42.1%	Hard	
	773	Sliding Puzzle (/problems/sliding-puzzle)	📄 (/articles/sliding-puzzle)	55.8%	Hard	
	317	Shortest Distance from All Buildings (/problems/shortest-distance-from-all-buildings) 🔓		39.7%	Hard	
✔	84	Largest Rectangle in Histogram (/problems/largest-rectangle-in-histogram)	📄 (/articles/largest-rectangle-in-histogram)	33.0%	Hard	
	282	Expression Add Operators (/problems/expression-add-operators) ★	📄 (/articles/expression-add-operators)	34.3%	Hard	

	#	Title	Solution	Acceptance	Difficulty	Frequency ❓
	123	Best Time to Buy and Sell Stock III (/problems/best-time-to-buy-and-sell-stock-iii) ★		35.5%	Hard	
	1163	Last Substring in Lexicographical Order (/problems/last-substring-in-lexicographical-order)		31.5%	Hard	
✔	188	Best Time to Buy and Sell Stock IV (/problems/best-time-to-buy-and-sell-stock-iv) ★		27.3%	Hard	
	679	24 Game (/problems/24-game)	📄 (/articles/24-game)	44.6%	Hard	
	381	Insert Delete GetRandom O(1) - Duplicates allowed (/problems/insert-delete-getrandom-o1-duplicates-allowed)	📄 (/articles/insert-delete-getrandom-o1-duplicates-allowed)	33.1%	Hard	
	407	Trapping Rain Water II (/problems/trapping-rain-water-ii)		40.4%	Hard	
✔	329	Longest Increasing Path in a Matrix (/problems/longest-increasing-path-in-a-matrix)	📄 (/articles/longest-increasing-path-matrix)	41.7%	Hard	
✔	588	Design In-Memory File System (/problems/design-in-memory-file-system) 🔓	📄 (/articles/design-in-memory-file-system)	42.8%	Hard	

	#	Title	Solution	Acceptance	Difficulty	Frequency ❓
	465	Optimal Account Balancing (/problems/optimal-account-balancing) 🔓		45.2%	Hard	
	1096	Brace Expansion II (/problems/brace-expansion-ii)		60.9%	Hard	
✔	403	Frog Jump (/problems/frog-jump) ★	📄 (/articles/frog-jump)	37.8%	Hard	
✔	99	Recover Binary Search Tree (/problems/recover-binary-search-tree)	📄 (/articles/recover-binary-search-tree)	36.7%	Hard	
	420	Strong Password Checker (/problems/strong-password-checker)		16.1%	Hard	
	591	Tag Validator (/problems/tag-validator)	📄 (/articles/tag-validator)	33.6%	Hard	
	432	All O`one Data Structure (/problems/all-oone-data-structure)		31.1%	Hard	
	428	Serialize and Deserialize N-ary Tree (/problems/serialize-and-deserialize-n-ary-tree) 🔓		56.8%	Hard	
	489	Robot Room Cleaner (/problems/robot-room-cleaner) 🔓	📄 (/articles/robot-room-cleaner)	67.2%	Hard	
?	887	Super Egg Drop (/problems/super-egg-drop)	📄 (/articles/super-egg-drop)	25.9%	Hard	

	#	Title	Solution	Acceptance	Difficulty	Frequency ❓
	30	Substring with Concatenation of All Words (/problems/substring-with-concatenation-of-all-words)		24.5%	Hard	
✔	980	Unique Paths III (/problems/unique-paths-iii)	📄 (/articles/unique-paths-iii)	71.8%	Hard	
✔	316	Remove Duplicate Letters (/problems/remove-duplicate-letters)	📄 (/articles/remove-duplicate-letters)	33.9%	Hard	
	480	Sliding Window Median (/problems/sliding-window-median) ★	📄 (/articles/sliding-window-median)	34.8%	Hard	
	631	Design Excel Sum Formula (/problems/design-excel-sum-formula) 🔓	📄 (/articles/design-excel-sum-formula)	30.4%	Hard	
✔	135	Candy (/problems/candy)	📄 (/articles/candy)	29.9%	Hard	
	753	Cracking the Safe (/problems/cracking-the-safe) ★	📄 (/articles/cracking-the-safe)	49.0%	Hard	
	730	Count Different Palindromic Subsequences (/problems/count-different-palindromic-subsequences)	📄 (/articles/count-different-palindromic-subsequences)	40.6%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
862	Shortest Subarray with Sum at Least K (/problems/shortest-subarray-with-sum-at-least-k) ★	📄 (/articles/shortest-subarray-with-sum-atleast-k)	22.8%	Hard	
564	Find the Closest Palindrome (/problems/find-the-closest-palindrome)	📄 (/articles/find-the-closest-palindrome)	19.2%	Hard	
✔ 1220	Count Vowels Permutation (/problems/count-vowels-permutation)		51.7%	Hard	
815	Bus Routes (/problems/bus-routes) ★	📄 (/articles/bus-routes)	41.5%	Hard	
291	Word Pattern II (/problems/word-pattern-ii) 🔓		42.5%	Hard	
321	Create Maximum Number (/problems/create-maximum-number)		26.1%	Hard	
1000	Minimum Cost to Merge Stones (/problems/minimum-cost-to-merge-stones) ★		37.6%	Hard	
1153	String Transforms Into Another String (/problems/string-transforms-into-another-string) 🔓		34.3%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
727	Minimum Window Subsequence (/problems/minimum-window-subsequence) 🔓	📄 (/articles/minimum-window-subsequence)	39.9%	Hard	
✔ 115	Distinct Subsequences (/problems/distinct-subsequences)		36.4%	Hard	
✔ 233	Number of Digit One (/problems/number-of-digit-one)	📄 (/articles/number-of-digit-one)	30.9%	Hard	
1240	Tiling a Rectangle with the Fewest Squares (/problems/tiling-a-rectangle-with-the-fewest-squares)		49.2%	Hard	
✔ 992	Subarrays with K Different Integers (/problems/subarrays-with-k-different-integers)	📄 (/articles/subarrays-with-k-different-integers)	46.0%	Hard	
440	K-th Smallest in Lexicographical Order (/problems/k-th-smallest-in-lexicographical-order)		27.8%	Hard	
1044	Longest Duplicate Substring (/problems/longest-duplicate-substring)	📄 (/articles/longest-duplicate-substring)	24.2%	Hard	
913	Cat and Mouse (/problems/cat-and-mouse)	📄 (/articles/cat-and-mouse-game)	30.0%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
272	Closest Binary Search Tree Value II (/problems/closest-binary-search-tree-value-ii) 🔓		47.9%	Hard	
782	Transform to Chessboard (/problems/transform-to-chessboard)	📄 (/articles/transform-to-chessboard)	40.7%	Hard	
488	Zuma Game (/problems/zuma-game)		40.4%	Hard	
828	Unique Letter String (/problems/unique-letter-string)	📄 (/articles/unique-letter-string)	42.4%	Hard	
527	Word Abbreviation (/problems/word-abbreviation) 🔓	📄 (/articles/word-abbreviation)	52.4%	Hard	
1032	Stream of Characters (/problems/stream-of-characters)		45.8%	Hard	
363	Max Sum of Rectangle No Larger Than K (/problems/max-sum-of-rectangle-no-larger-than-k)		35.9%	Hard	
✔ 493	Reverse Pairs (/problems/reverse-pairs)	📄 (/articles/reverse-pairs)	24.1%	Hard	
352	Data Stream as Disjoint Intervals (/problems/data-stream-as-disjoint-intervals)		44.7%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
839	Similar String Groups (/problems/similar-string-groups)	📄 (/articles/similar-string-groups)	36.6%	Hard	
185	Department Top Three Salaries (/problems/department-top-three-salaries)	📄 (/articles/department-top-three-salaries)	30.1%	Hard	
1168	Optimize Water Distribution in a Village (/problems/optimize-water-distribution-in-a-village) 🔓		58.4%	Hard	
✔ 895	Maximum Frequency Stack (/problems/maximum-frequency-stack)	📄 (/articles/maximum-frequency-stack)	59.1%	Hard	
✔ 354	Russian Doll Envelopes (/problems/russian-doll-envelopes)	📄 (/articles/russian-doll-envelopes)	34.8%	Hard	
726	Number of Atoms (/problems/number-of-atoms)	📄 (/articles/number-of-atoms)	46.5%	Hard	
1106	Parsing A Boolean Expression (/problems/parsing-a-boolean-expression)		57.8%	Hard	
943	Find the Shortest Superstring (/problems/find-the-shortest-superstring)	📄 (/articles/find-the-shortest-superstring)	41.0%	Hard	
262	Trips and Users (/problems/trips-and-users)		28.2%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
761	Special Binary String (/problems/special-binary-string)	📄 (/articles/special-binary-string)	54.0%	Hard	
1206	Design Skiplist (/problems/design-skiplist)		58.7%	Hard	
805	Split Array With Same Average (/problems/split-array-with-same-average) ⭐	📄 (/articles/split-array-with-same-average)	25.6%	Hard	
995	Minimum Number of K Consecutive Bit Flips (/problems/minimum-number-of-k-consecutive-bit-flips)	📄 (/articles/minimum-number-of-k-consecutive-bit-flips)	46.3%	Hard	
1088	Confusing Number II (/problems/confusing-number-ii) 🔓		39.5%	Hard	
834	Sum of Distances in Tree (/problems/sum-of-distances-in-tree)	📄 (/articles/sum-of-distances-in-tree)	42.0%	Hard	
736	Parse Lisp Expression (/problems/parse-lisp-expression)	📄 (/articles/parse-lisp-expression)	46.0%	Hard	
✔ 164	Maximum Gap (/problems/maximum-gap)	📄 (/articles/maximum-gap)	33.9%	Hard	
601	Human Traffic of Stadium (/problems/human-traffic-of-stadium)	📄 (/articles/human-traffic-of-stadium)	39.0%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
1036	Escape a Large Maze (/problems/escape-a-large-maze)		35.2%	Hard	
1203	Sort Items by Groups Respecting Dependencies (/problems/sort-items-by-groups-respecting-dependencies)		45.2%	Hard	
920	Number of Music Playlists (/problems/number-of-music-playlists)	📄 (/articles/number-of-music-playlists)	44.9%	Hard	
770	Basic Calculator IV (/problems/basic-calculator-iv)	📄 (/articles/basic-calculator-iv)	46.6%	Hard	
818	Race Car (/problems/race-car)	📄 (/articles/race-car)	37.3%	Hard	
689	Maximum Sum of 3 Non-Overlapping Subarrays (/problems/maximum-sum-of-3-non-overlapping-subarrays)	📄 (/articles/maximum-sum-of-3-non-overlapping-intervals)	44.7%	Hard	
358	Rearrange String k Distance Apart (/problems/rearrange-string-k-distance-apart) 🔓		34.0%	Hard	
✔ 132	Palindrome Partitioning II (/problems/palindrome-partitioning-ii)		28.9%	Hard	
968	Binary Tree Cameras (/problems/binary-tree-cameras)	📄 (/articles/binary-tree-cameras)	36.6%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
765	Couples Holding Hands (/problems/couples-holding-hands)	📄 (/articles/couples-holding-hands)	53.0%	Hard	
425	Word Squares (/problems/word-squares) 🔓	📄 (/articles/word-squares)	46.2%	Hard	
864	Shortest Path to Get All Keys (/problems/shortest-path-to-get-all-keys)	📄 (/articles/shortest-path-to-get-all-keys)	39.1%	Hard	
1074	Number of Submatrices That Sum to Target (/problems/number-of-submatrices-that-sum-to-target)		59.7%	Hard	
632	Smallest Range Covering Elements from K Lists (/problems/smallest-range-covering-elements-from-k-lists)	📄 (/articles/smallest-range)	50.1%	Hard	
330	Patching Array (/problems/patching-array)	📄 (/articles/patching-array)	33.9%	Hard	
847	Shortest Path Visiting All Nodes (/problems/shortest-path-visiting-all-nodes) ⭐	📄 (/articles/shortest-path-visiting-all-nodes)	49.7%	Hard	
1028	Recover a Tree From Preorder Traversal (/problems/recover-a-tree-from-preorder-traversal)		69.5%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
956	Tallest Billboard (/problems/tallest-billboard)	📄 (/articles/tallest-billboard)	38.7%	Hard	
296	Best Meeting Point (/problems/best-meeting-point) 🔓	📄 (/articles/best-meeting-point)	56.5%	Hard	
1178	Number of Valid Words for Each Puzzle (/problems/number-of-valid-words-for-each-puzzle)		36.9%	Hard	
✔ 145	Binary Tree Postorder Traversal (/problems/binary-tree-postorder-traversal)	📄 (/articles/binary-tree-postorder-transversal)	51.5%	Hard	
982	Triples with Bitwise AND Equal To Zero (/problems/triples-with-bitwise-and-equal-to-zero)		55.1%	Hard	
768	Max Chunks To Make Sorted II (/problems/max-chunks-to-make-sorted-ii)	📄 (/articles/max-chunks-to-make-sorted-ii)	47.4%	Hard	
391	Perfect Rectangle (/problems/perfect-rectangle)		29.2%	Hard	
936	Stamping The Sequence (/problems/stamping-the-sequence)	📄 (/articles/stamping-the-sequence)	36.6%	Hard	
87	Scramble String (/problems/scramble-string)		32.6%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
757	Set Intersection Size At Least Two (/problems/set-intersection-size-at-least-two)	📄 (/articles/set-intersection-size-at-least-two)	37.7%	Hard	
927	Three Equal Parts (/problems/three-equal-parts) ★	📄 (/articles/three-equal-parts)	31.7%	Hard	
854	K-Similar Strings (/problems/k-similar-strings)	📄 (/articles/k-similar-strings)	36.8%	Hard	
1216	Valid Palindrome III (/problems/valid-palindrome-iii) 🔓		43.8%	Hard	
248	Strobogrammatic Number III (/problems/strobogrammatic-number-iii) 🔓		38.2%	Hard	
668	Kth Smallest Number in Multiplication Table (/problems/kth-smallest-number-in-multiplication-table)	📄 (/articles/kth-smallest-number-in-multiplication-table)	43.9%	Hard	
568	Maximum Vacation Days (/problems/maximum-vacation-days) 🔓	📄 (/articles/maximum-vacation-days)	39.1%	Hard	
1187	Make Array Strictly Increasing (/problems/make-array-strictly-increasing)		40.4%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ?
471	Encode String with Shortest Length (/problems/encode-string-with-shortest-length) 🔓		46.1%	Hard	
587	Erect the Fence (/problems/erect-the-fence)	📄 (/articles/erect-the-fence)	34.9%	Hard	
691	Stickers to Spell Word (/problems/stickers-to-spell-word)	📄 (/articles/stickers-to-spell-word)	40.7%	Hard	
1095	Find in Mountain Array (/problems/find-in-mountain-array)		35.2%	Hard	
1231	Divide Chocolate (/problems/divide-chocolate) 🔓		50.8%	Hard	
675	Cut Off Trees for Golf Event (/problems/cut-off-trees-for-golf-event) ★	📄 (/articles/cutoff-trees-for-golf-event)	33.1%	Hard	
305	Number of Islands II (/problems/number-of-islands-ii) 🔓★	📄 (/articles/number-of-islands-ii)	40.7%	Hard	
✔ 996	Number of Squareful Arrays (/problems/number-of-squareful-arrays)	📄 (/articles/number-of-squareful-arrays)	47.6%	Hard	
466	Count The Repetitions (/problems/count-the-repetitions)	📄 (/articles/count-the-repetitions)	27.7%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
1157	Online Majority Element In Subarray (/problems/online-majority-element-in-subarray)		34.7%	Hard	
552	Student Attendance Record II (/problems/student-attendance-record-ii)	📄 (/articles/student-attendance-record-ii)	34.8%	Hard	
327	Count of Range Sum (/problems/count-of-range-sum)		34.1%	Hard	
52	N-Queens II (/problems/n-queens-ii)	📄 (/articles/n-queens-ii)	54.8%	Hard	
745	Prefix and Suffix Search (/problems/prefix-and-suffix-search) ★	📄 (/articles/prefix-and-suffix-search)	32.5%	Hard	
975	Odd Even Jump (/problems/odd-even-jump)	📄 (/articles/odd-even-jump)	44.3%	Hard	
871	Minimum Number of Refueling Stops (/problems/minimum-number-of-refueling-stops)	📄 (/articles/minimum-number-of-refueling-stops)	30.6%	Hard	
265	Paint House II (/problems/paint-house-ii) 🔓		43.2%	Hard	
891	Sum of Subsequence Widths (/problems/sum-of-subsequence-widths)	📄 (/articles/sum-of-subsequence-widths)	30.5%	Hard	
850	Rectangle Area II (/problems/rectangle-area-ii)	📄 (/articles/rectangle-area-ii)	46.1%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
660	Remove 9 (/problems/remove-9) 🔓	📄 (/articles/remove-9)	53.0%	Hard	
774	Minimize Max Distance to Gas Station (/problems/minimize-max-distance-to-gas-station) 🔓	📄 (/articles/minimize-max-distance-to-gas-station)	44.5%	Hard	
952	Largest Component Size by Common Factor (/problems/largest-component-size-by-common-factor)	📄 (/articles/largest-component-size-by-common-factor)	28.5%	Hard	
798	Smallest Rotation with Highest Score (/problems/smallest-rotation-with-highest-score)	📄 (/articles/smallest-rotation-with-highest-score)	42.1%	Hard	
1172	Dinner Plate Stacks (/problems/dinner-plate-stacks)		39.8%	Hard	
685	Redundant Connection II (/problems/redundant-connection-ii) ⭐	📄 (/articles/redundant-connection-ii)	31.8%	Hard	
882	Reachable Nodes In Subdivided Graph (/problems/reachable-nodes-in-subdivided-graph)	📄 (/articles/reachable-nodes-in-subdivided-graph)	39.4%	Hard	
154	Find Minimum in Rotated Sorted Array II (/problems/find-minimum-in-rotated-sorted-array-ii)	📄 (/articles/find-minimum-in-rotated-sorted-array-ii)	40.1%	Hard	

	#	Title	Solution	Acceptance	Difficulty	Frequency ❓
✔	1092	Shortest Common Supersequence (/problems/shortest-common-supersequence) ★		49.8%	Hard	
	630	Course Schedule III (/problems/course-schedule-iii)	📄 (/articles/course-schedule-iii)	32.7%	Hard	
	431	Encode N-ary Tree to Binary Tree (/problems/encode-n-ary-tree-to-binary-tree) 🔓	📄 (/articles/encode-n-ary-tree-to-binary-tree)	68.4%	Hard	
	639	Decode Ways II (/problems/decode-ways-ii)	📄 (/articles/decode-ways-ii)	25.8%	Hard	
	1235	Maximum Profit in Job Scheduling (/problems/maximum-profit-in-job-scheduling)		44.3%	Hard	
	903	Valid Permutations for DI Sequence (/problems/valid-permutations-for-di-sequence)	📄 (/articles/valid-permutations-for-di-sequence)	46.9%	Hard	
	335	Self Crossing (/problems/self-crossing)		27.4%	Hard	
	827	Making A Large Island (/problems/making-a-large-island)	📄 (/articles/making-a-large-island)	44.3%	Hard	
	924	Minimize Malware Spread (/problems/minimize-malware-spread)	📄 (/articles/minimize-malware-spread)	41.2%	Hard	

	#	Title	Solution	Acceptance	Difficulty	Frequency ❓
	715	Range Module (/problems/range-module)	📄 (/articles/range-module)	37.3%	Hard	
✔	174	Dungeon Game (/problems/dungeon-game)		28.5%	Hard	
	719	Find K-th Smallest Pair Distance (/problems/find-k-th-smallest-pair-distance)	📄 (/articles/find-k-th-smallest-pair-distance)	30.3%	Hard	
	499	The Maze III (/problems/the-maze-iii) 🔓		39.4%	Hard	
	732	My Calendar III (/problems/my-calendar-iii)	📄 (/articles/my-calendar-iii)	57.6%	Hard	
	644	Maximum Average Subarray II (/problems/maximum-average-subarray-ii) 🔓	📄 (/articles/maximum-average-subarray-ii)	30.3%	Hard	
	699	Falling Squares (/problems/falling-squares)	📄 (/articles/falling-squares)	40.9%	Hard	
	778	Swim in Rising Water (/problems/swim-in-rising-water)	📄 (/articles/swim-in-rising-water)	50.0%	Hard	
✔	1001	Grid Illumination (/problems/grid-illumination)		35.0%	Hard	
	458	Poor Pigs (/problems/poor-pigs)	📄 (/articles/poor-pigs)	46.5%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
308	Range Sum Query 2D - Mutable (/problems/range-sum-query-2d-mutable) 🔓		33.8%	Hard	
940	Distinct Subsequences II (/problems/distinct-subsequences-ii)	📄 (/articles/distinct-subsequences-ii)	41.1%	Hard	
803	Bricks Falling When Hit (/problems/bricks-falling-when-hit)	📄 (/articles/bricks-falling-when-hit)	29.6%	Hard	
546	Remove Boxes (/problems/remove-boxes)	📄 (/articles/remove-boxes)	40.0%	Hard	
878	Nth Magical Number (/problems/nth-magical-number)	📄 (/articles/nth-magical-number)	27.4%	Hard	
1136	Parallel Courses (/problems/parallel-courses) 🔓		59.0%	Hard	
664	Strange Printer (/problems/strange-printer)	📄 (/articles/strange-printer)	38.5%	Hard	
1250	Check If It Is a Good Array (/problems/check-if-it-is-a-good-array)		51.7%	Hard	
786	K-th Smallest Prime Fraction (/problems/k-th-smallest-prime-fraction)	📄 (/articles/k-th-smallest-prime-fraction)	41.5%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
446	Arithmetic Slices II - Subsequence (/problems/arithmetic-slices-ii-subsequence)	📄 (/articles/arithmetic-slices-ii-subsequence)	31.5%	Hard	
710	Random Pick with Blacklist (/problems/random-pick-with-blacklist)	📄 (/articles/random-pick-with-blacklist)	32.4%	Hard	
857	Minimum Cost to Hire K Workers (/problems/minimum-cost-to-hire-k-workers) ★	📄 (/articles/minimum-cost-to-hire-k-workers)	48.8%	Hard	
1278	Palindrome Partitioning III (/problems/palindrome-partitioning-iii)		56.7%	Hard	
1269	Number of Ways to Stay in the Same Place After Some Steps (/problems/number-of-ways-to-stay-in-the-same-place-after-some-steps)		40.2%	Hard	
1293	Shortest Path in a Grid with Obstacles Elimination (/problems/shortest-path-in-a-grid-with-obstacles-elimination)		39.7%	Hard	
1284	Minimum Number of Flips to Convert Binary Matrix to Zero Matrix (/problems/minimum-number-of-flips-to-convert-binary-matrix-to-zero-matrix)		70.0%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
1298	Maximum Candies You Can Get from Boxes (/problems/maximum-candies-you-can-get-from-boxes)		59.1%	Hard	
1263	Minimum Moves to Move a Box to Their Target Location (/problems/minimum-moves-to-move-a-box-to-their-target-location)		38.4%	Hard	
1255	Maximum Score Words Formed by Letters (/problems/maximum-score-words-formed-by-letters)		69.9%	Hard	
1225	Report Contiguous Dates (/problems/report-contiguous-dates) 🔓		60.8%	Hard	
1224	Maximum Equal Frequency (/problems/maximum-equal-frequency)		32.3%	Hard	
1210	Minimum Moves to Reach Target with Rotations (/problems/minimum-moves-to-reach-target-with-rotations)		43.6%	Hard	
1194	Tournament Winners (/problems/tournament-winners) 🔓		54.8%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
1159	Market Analysis II (/problems/market-analysis-ii) 🔓		49.6%	Hard	
1147	Longest Chunked Palindrome Decomposition (/problems/longest-chunked-palindrome-decomposition)		57.8%	Hard	
1274	Number of Ships in a Rectangle (/problems/number-of-ships-in-a-rectangle) 🔓		64.1%	Hard	
1127	User Purchase Platform (/problems/user-purchase-platform) 🔓		46.4%	Hard	
1289	Minimum Falling Path Sum II (/problems/minimum-falling-path-sum-ii)		55.4%	Hard	
1125	Smallest Sufficient Team (/problems/smallest-sufficient-team)		45.7%	Hard	
1259	Handshakes That Don't Cross (/problems/handshakes-that-dont-cross) 🔓		52.1%	Hard	
1246	Palindrome Removal (/problems/palindrome-removal) 🔓		43.8%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
1097	Game Play Analysis V (/problems/game-play-analysis-v) 🔓		52.5%	Hard	
1199	Minimum Time to Build Blocks (/problems/minimum-time-to-build-blocks) 🔓		33.7%	Hard	
1183	Maximum Number of Ones (/problems/maximum-number-of-ones) 🔓		49.7%	Hard	
1121	Divide Array Into Increasing Sequences (/problems/divide-array-into-increasing-sequences) 🔓		55.5%	Hard	
1067	Digit Count in Range (/problems/digit-count-in-range) 🔓		36.6%	Hard	
1063	Number of Valid Subarrays (/problems/number-of-valid-subarrays) 🔓		71.1%	Hard	
1012	Numbers With Repeated Digits (/problems/numbers-with-repeated-digits)		36.3%	Hard	
972	Equal Rational Numbers (/problems/equal-rational-numbers)	📄 (/articles/equal-rational-numbers)	41.3%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
960	Delete Columns to Make Sorted III (/problems/delete-columns-to-make-sorted-iii)	📄 (/articles/delete-columns-to-make-sorted-iii)	53.1%	Hard	
928	Minimize Malware Spread II (/problems/minimize-malware-spread-ii)	📄 (/articles/minimize-malware-spread-ii)	39.9%	Hard	
906	Super Palindromes (/problems/super-palindromes)	📄 (/articles/super-palindromes)	31.1%	Hard	
902	Numbers At Most N Given Digit Set (/problems/numbers-at-most-n-given-digit-set)	📄 (/articles/numbers-at-most-n-given-digit-set)	29.7%	Hard	
899	Orderly Queue (/problems/orderly-queue)	📄 (/articles/orderly-queue)	49.4%	Hard	
879	Profitable Schemes (/problems/profitable-schemes)	📄 (/articles/profitable-schemes)	38.0%	Hard	
810	Chalkboard XOR Game (/problems/chalkboard-xor-game)	📄 (/articles/chalkboard-xor-game)	46.0%	Hard	
793	Preimage Size of Factorial Zeroes Function (/problems/preimage-size-of-factorial-zeroes-function)	📄 (/articles/preimage-size-of-factorial-zeroes-function)	39.7%	Hard	
749	Contain Virus (/problems/contain-virus)	📄 (/articles/contain-virus)	42.5%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
711	Number of Distinct Islands II (/problems/number-of-distinct-islands-ii) 🔓	📄 (/articles/number-of-distinct-islands-ii)	48.4%	Hard	
683	K Empty Slots (/problems/k-empty-slots) 🔓	📄 (/articles/k-empty-slots)	34.9%	Hard	
656	Coin Path (/problems/coin-path) 🔓	📄 (/articles/coin-path)	27.8%	Hard	
629	K Inverse Pairs Array (/problems/k-inverse-pairs-array)	📄 (/articles/k-inverse-pairs-array)	30.2%	Hard	
618	Students Report By Geography (/problems/students-report-by-geography) 🔓	📄 (/articles/students-report-by-geography)	46.6%	Hard	
615	Average Salary: Departments VS Company (/problems/average-salary-departments-vs-company) 🔓	📄 (/articles/average-salary-departments-vs-company)	41.4%	Hard	
600	Non-negative Integers without Consecutive Ones (/problems/non-negative-integers-without-consecutive-ones) ★	📄 (/articles/non-negative-integers-without-consecutive-ones)	33.4%	Hard	
579	Find Cumulative Salary of an Employee (/problems/find-cumulative-salary-of-an-employee) 🔓	📄 (/articles/find-cumulative-salary-of-an-employee)	35.2%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
571	Find Median Given Frequency of Numbers (/problems/find-median-given-frequency-of-numbers) 🔓		45.3%	Hard	
569	Median Employee Salary (/problems/median-employee-salary) 🔓	📄 (/articles/median-employee-salary)	52.3%	Hard	
517	Super Washing Machines (/problems/super-washing-machines)	📄 (/articles/super-washing-machines)	37.5%	Hard	
514	Freedom Trail (/problems/freedom-trail)		41.5%	Hard	
502	IPO (/problems/ipo)	📄 (/articles/ipo)	38.8%	Hard	
483	Smallest Good Base (/problems/smallest-good-base)		34.8%	Hard	
479	Largest Palindrome Product (/problems/largest-palindrome-product)		28.1%	Hard	
411	Minimum Unique Word Abbreviation (/problems/minimum-unique-word-abbreviation) 🔓		35.6%	Hard	

#	Title	Solution	Acceptance	Difficulty	Frequency ❓
302	Smallest Rectangle Enclosing Black Pixels (/problems/smallest-rectangle-enclosing-black-pixels) 🔓	📄 (/articles/smallest-rectangle-enclosing-black-pixels)	50.4%	Hard	

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