

🔖 Design

Problems

Discuss








You have solved **31 / 117** problems.

☐ Show problem tags


#	Title	Acceptance	Difficulty	Frequency 📊
✓ 146	LRU Cache (/problems/lru-cache) ★	40.5%	Medium	
631	Design Excel Sum Formula (/problems/design-excel-sum-formula) 🔒	43.2%	Hard	
✓ 380	Insert Delete GetRandom O(1) (/problems/insert-delete-getrandom-o1) ★	51.9%	Medium	
✓ 729	My Calendar I (/problems/my-calendar-i)	57.2%	Medium	
✓ 588	Design In-Memory File System (/problems/design-in-memory-file-system) ★ 🔒	48.7%	Hard	
1570	Dot Product of Two Sparse Vectors (/problems/dot-product-of-two-sparse-vectors) 🔒	90.3%	Medium	
432	All O`one Data Structure (/problems/all-oone-data-structure)	36.6%	Hard	
✓ 716	Max Stack (/problems/max-stack) 🔒	45.2%	Hard	
✓ 244	Shortest Word Distance II (/problems/shortest-word-distance-ii) ★ 🔒	60.6%	Medium	
✓ 362	Design Hit Counter (/problems/design-hit-counter) 🔒	68.3%	Medium	
295	Find Median from Data Stream (/problems/find-median-from-data-stream) ★	51.0%	Hard	
✓ 1166	Design File System (/problems/design-file-system) 🔒	61.8%	Medium	
✓ 341	Flatten Nested List Iterator (/problems/flatten-nested-list-iterator) ★	61.4%	Medium	
✓ 359	Logger Rate Limiter (/problems/logger-rate-limiter) 🔒	75.5%	Easy	
1396	Design Underground System (/problems/design-underground-system)	73.6%	Medium	
✓ 297	Serialize and Deserialize Binary Tree (/problems/serialize-and-deserialize-binary-tree) ★	54.8%	Hard	
✓ 346	Moving Average from Data Stream (/problems/moving-average-from-data-stream) 🔒	77.0%	Easy	
2296	Design a Text Editor (/problems/design-a-text-editor)	39.1%	Hard	
2034	Stock Price Fluctuation (/problems/stock-price-fluctuation)	49.4%	Medium	
460	LFU Cache (/problems/lfu-cache)	40.3%	Hard	
✓ 304	Range Sum Query 2D - Immutable (/problems/range-sum-query-2d-immutable)	51.9%	Medium	
✓ 706	Design HashMap (/problems/design-hashmap) ★	65.1%	Easy	
✓ 348	Design Tic-Tac-Toe (/problems/design-tic-tac-toe) ★ 🔒	57.5%	Medium	
745	Prefix and Suffix Search (/problems/prefix-and-suffix-search)	41.4%	Hard	
1146	Snapshot Array (/problems/snapshot-array)	37.3%	Medium	
715	Range Module (/problems/range-module)	44.5%	Hard	
✓ 173	Binary Search Tree Iterator (/problems/binary-search-tree-iterator)	68.8%	Medium	
981	Time Based Key-Value Store (/problems/time-based-key-value-store) ★	52.3%	Medium	

#	Title	Acceptance	Difficulty	Frequency ?
✓ 155	Min Stack (/problems/min-stack) ★	51.6%	Medium	
642	Design Search Autocomplete System (/problems/design-search-autocomplete-system) ★ 📌	48.7%	Hard	
✓ 1472	Design Browser History (/problems/design-browser-history)	75.9%	Medium	
2013	Detect Squares (/problems/detect-squares)	50.0%	Medium	
353	Design Snake Game (/problems/design-snake-game) 📌	38.9%	Medium	
895	Maximum Frequency Stack (/problems/maximum-frequency-stack)	66.8%	Hard	
✓ 208	Implement Trie (Prefix Tree) (/problems/implement-trie-prefix-tree)	60.5%	Medium	
✓ 703	Kth Largest Element in a Stream (/problems/kth-largest-element-in-a-stream)	55.5%	Easy	
381	Insert Delete GetRandom O(1) - Duplicates allowed (/problems/insert-delete-getrandom-o1-duplicates-allowed)	35.7%	Hard	
1656	Design an Ordered Stream (/problems/design-an-ordered-stream)	85.0%	Easy	
✓ 225	Implement Stack using Queues (/problems/implement-stack-using-queues)	57.2%	Easy	
2102	Sequentially Ordinal Rank Tracker (/problems/sequentially-ordinal-rank-tracker)	66.1%	Hard	
✓ 705	Design HashSet (/problems/design-hashset)	66.0%	Easy	
535	Encode and Decode TinyURL (/problems/encode-and-decode-tinyurl)	85.7%	Medium	
✓ 901	Online Stock Span (/problems/online-stock-span)	63.8%	Medium	
284	Peeking Iterator (/problems/peeking-iterator)	58.1%	Medium	
1603	Design Parking System (/problems/design-parking-system) ★	88.0%	Easy	
1244	Design A Leaderboard (/problems/design-a-leaderboard) 📌	68.7%	Medium	
911	Online Election (/problems/online-election)	52.0%	Medium	
1483	Kth Ancestor of a Tree Node (/problems/kth-ancestor-of-a-tree-node)	33.8%	Hard	
✓ 355	Design Twitter (/problems/design-twitter)	36.3%	Medium	
1348	Tweet Counts Per Frequency (/problems/tweet-counts-per-frequency)	43.4%	Medium	
251	Flatten 2D Vector (/problems/flatten-2d-vector) 📌	48.8%	Medium	
900	RLE Iterator (/problems/rle-iterator)	59.4%	Medium	
✓ 1381	Design a Stack With Increment Operation (/problems/design-a-stack-with-increment-operation)	77.4%	Medium	
✓ 232	Implement Queue using Stacks (/problems/implement-queue-using-stacks) ★	60.7%	Easy	
✓ 211	Design Add and Search Words Data Structure (/problems/design-add-and-search-words-data-structure)	43.4%	Medium	
307	Range Sum Query - Mutable (/problems/range-sum-query-mutable)	40.7%	Medium	
1352	Product of the Last K Numbers (/problems/product-of-the-last-k-numbers)	49.2%	Medium	
1628	Design an Expression Tree With Evaluate Function (/problems/design-an-expression-tree-with-evaluate-function) ★ 📌	82.5%	Medium	
2276	Count Integers in Intervals (/problems/count-integers-in-intervals)	33.4%	Hard	
2241	Design an ATM Machine (/problems/design-an-atm-machine)	38.5%	Medium	
✓ 449	Serialize and Deserialize BST (/problems/serialize-and-deserialize-bst)	56.7%	Medium	
1032	Stream of Characters (/problems/stream-of-characters)	51.5%	Hard	

#	Title	Acceptance	Difficulty	Frequency ?
1476	Subrectangle Queries (/problems/subrectangle-queries)	88.5%	Medium	
✓ 707	Design Linked List (/problems/design-linked-list)	27.4%	Medium	
855	Exam Room (/problems/exam-room)	43.5%	Medium	
1865	Finding Pairs With a Certain Sum (/problems/finding-pairs-with-a-certain-sum)	50.2%	Medium	
1993	Operations on Tree (/problems/operations-on-tree)	43.3%	Medium	
635	Design Log Storage System (/problems/design-log-storage-system) 📌	62.7%	Medium	
933	Number of Recent Calls (/problems/number-of-recent-calls)	73.2%	Easy	
1825	Finding MK Average (/problems/finding-mk-average)	35.0%	Hard	
352	Data Stream as Disjoint Intervals (/problems/data-stream-as-disjoint-intervals)	51.4%	Hard	
676	Implement Magic Dictionary (/problems/implement-magic-dictionary)	56.9%	Medium	
2286	Booking Concert Tickets in Groups (/problems/booking-concert-tickets-in-groups)	15.5%	Hard	
2254	Design Video Sharing Platform (/problems/design-video-sharing-platform) 📌	64.7%	Hard	
✓ 379	Design Phone Directory (/problems/design-phone-directory) 📌	50.8%	Medium	
1912	Design Movie Rental System (/problems/design-movie-rental-system)	41.3%	Hard	
1586	Binary Search Tree Iterator II (/problems/binary-search-tree-iterator-ii) 📌	70.8%	Medium	
✓ 303	Range Sum Query - Immutable (/problems/range-sum-query-immutable)	57.7%	Easy	
271	Encode and Decode Strings (/problems/encode-and-decode-strings) 📌	41.0%	Medium	
1845	Seat Reservation Manager (/problems/seat-reservation-manager)	63.9%	Medium	
731	My Calendar II (/problems/my-calendar-ii)	54.2%	Medium	
2043	Simple Bank System (/problems/simple-bank-system)	65.9%	Medium	
622	Design Circular Queue (/problems/design-circular-queue)	51.8%	Medium	
1429	First Unique Number (/problems/first-unique-number) ★ 📌	52.6%	Medium	
1172	Dinner Plate Stacks (/problems/dinner-plate-stacks)	33.8%	Hard	
308	Range Sum Query 2D - Mutable (/problems/range-sum-query-2d-mutable) 📌	42.0%	Hard	
1206	Design Skiplist (/problems/design-skiplist)	60.6%	Hard	
732	My Calendar III (/problems/my-calendar-iii)	67.4%	Hard	
281	Zigzag Iterator (/problems/zigzag-iterator) 📌	62.2%	Medium	
1797	Design Authentication Manager (/problems/design-authentication-manager)	56.0%	Medium	
1804	Implement Trie II (Prefix Tree) (/problems/implement-trie-ii-prefix-tree) 📌	59.8%	Medium	
919	Complete Binary Tree Inserter (/problems/complete-binary-tree-inserter)	64.9%	Medium	
2336	Smallest Number in Infinite Set (/problems/smallest-number-in-infinite-set)	71.5%	Medium	
2353	Design a Food Rating System (/problems/design-a-food-rating-system)	34.2%	Medium	
2227	Encrypt and Decrypt Strings (/problems/encrypt-and-decrypt-strings)	38.8%	Hard	
1286	Iterator for Combination (/problems/iterator-for-combination)	73.5%	Medium	
2080	Range Frequency Queries (/problems/range-frequency-queries)	37.9%	Medium	
641	Design Circular Deque (/problems/design-circular-deque)	57.7%	Medium	
1670	Design Front Middle Back Queue (/problems/design-front-middle-back-queue)	56.3%	Medium	

#	Title	Acceptance	Difficulty	Frequency ?
677	Map Sum Pairs (/problems/map-sum-pairs)	57.0%	Medium	
170	Two Sum III - Data structure design (/problems/two-sum-iii-data-structure-design) 	37.2%	Easy	
288	Unique Word Abbreviation (/problems/unique-word-abbreviation) 	25.2%	Medium	
604	Design Compressed String Iterator (/problems/design-compressed-string-iterator) 	39.3%	Easy	
431	Encode N-ary Tree to Binary Tree (/problems/encode-n-ary-tree-to-binary-tree) 	78.6%	Hard	
1157	Online Majority Element In Subarray (/problems/online-majority-element-in-subarray)	42.0%	Hard	
10008	Design Facebook (/problems/design-facebook)	36.6%	Medium	
1261	Find Elements in a Contaminated Binary Tree (/problems/find-elements-in-a-contaminated-binary-tree)	76.0%	Medium	
1357	Apply Discount Every n Orders (/problems/apply-discount-every-n-orders)	69.8%	Medium	
1500	Design a File Sharing System (/problems/design-a-file-sharing-system) 	44.6%	Medium	
1600	Throne Inheritance (/problems/throne-inheritance)	63.8%	Medium	
1622	Fancy Sequence (/problems/fancy-sequence)	15.9%	Hard	
1756	Design Most Recently Used Queue (/problems/design-most-recently-used-queue) 	78.8%	Medium	
10006	Design an Application Monitoring System (/problems/design-an-application-monitoring-system)	25.0%	Hard	
2069	Walking Robot Simulation II (/problems/walking-robot-simulation-ii)	22.9%	Medium	
2166	Design Bitset (/problems/design-bitset)	31.2%	Medium	
? 2349	Design a Number Container System (/problems/design-a-number-container-system)	46.7%	Medium	
2408	Design SQL (/problems/design-sql) 	92.9%	Medium	

Copyright © 2022 LeetCode

[Help Center \(/support\)](#) |
 [Jobs \(/jobs\)](#) |
 [Bug Bounty \(/bugbounty\)](#) |
 [Online Interview \(/interview/\)](#) |
 [Students \(/student\)](#) |
 [Terms \(/terms\)](#) |
 [Privacy Policy \(/privacy\)](#)
 [United States \(/region\)](#)