

We are Hiring!

We have openings for both Content Creators and Frontend Software Engineers.
To apply, please check out our **jobs page** (<https://leetcode.com/jobs/>).

New

System Design

OO Design

Operating System

(/discuss/interview-question/system-design/)

(/discuss/interview-question/object-oriented-design/)

(/discuss/interview-question/operating-system)

Algorithms

Database

Shell

(/problemset/algorithms/)

(/problemset/database/)

(/problemset/shell/)

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/)

☰ Top Interview Questions

16/145 Solved

-

Easy 5

Medium 9

Hard 2











Difficulty ▼










Status ▼





Lists ▼







Tags ▼

#	Title	Solution	Acceptance	Difficulty	Frequency ?
1	Two Sum (/problems/two-sum)	(/articles/two-sum)	39.1%	Easy	
2	Add Two Numbers (/problems/add-two-numbers)	(/articles/add-two-numbers)	29.3%	Medium	
3	Longest Substring Without Repeating Characters (/problems/longest-substring-without-repeating-characters)	(/articles/longest-substring-without-repeating-characters)	25.2%	Medium	
146	LRU Cache (/problems/lru-cache)		22.0%	Hard	
4	Median of Two Sorted Arrays (/problems/median-of-two-sorted-arrays)	(/articles/median-of-two-sorted-arrays)	24.2%	Hard	
200	Number of Islands (/problems/number-of-islands)	(/articles/number-of-islands)	38.4%	Medium	
20	Valid Parentheses (/problems/valid-parentheses)	(/articles/valid-parentheses)	34.8%	Easy	
✓ 5	Longest Palindromic Substring (/problems/longest-palindromic-substring)	(/articles/longest-palindromic-substring)	25.6%	Medium	
138	Copy List with Random Pointer (/problems/copy-list-with-random-pointer)	(/articles/copy-list-with-random-pointer)	25.6%	Medium	
42	Trapping Rain Water (/problems/trapping-rain-water)	(/articles/trapping-rain-water)	39.8%	Hard	
15	3Sum (/problems/3sum)		22.3%	Medium	
11	Container With Most Water (/problems/container-with-most-water)	(/articles/container-with-most-water)	39.6%	Medium	









141	Linked List Cycle (/problems/linked-list-cycle)	 (/articles/linked-list-cycle)	34.6%	Easy
7	Reverse Integer (/problems/reverse-integer)	 (/articles/reverse-integer)	24.5%	Easy
56	Merge Intervals (/problems/merge-intervals)	 (/articles/merge-intervals)	33.4%	Medium
✓ 53	Maximum Subarray (/problems/maximum-subarray)		41.6%	Easy
✓ 121	Best Time to Buy and Sell Stock (/problems/best-time-to-buy-and-sell-stock)	 (/articles/best-time-to-buy-and-sell-stock)	44.7%	Easy
206	Reverse Linked List (/problems/reverse-linked-list)	 (/articles/reverse-linked-list)	50.2%	Easy
21	Merge Two Sorted Lists (/problems/merge-two-sorted-lists)	 (/articles/merged-two-sorted-lists)	43.7%	Easy
10	Regular Expression Matching (/problems/regular-expression-matching)	 (/articles/regular-expression-matching)	24.4%	Hard
23	Merge k Sorted Lists (/problems/merge-k-sorted-lists)	 (/articles/merge-k-sorted-list)	30.8%	Hard
238	Product of Array Except Self (/problems/product-of-array-except-self)		52.2%	Medium
344	Reverse String (/problems/reverse-string)		61.7%	Easy
17	Letter Combinations of a Phone Number (/problems/letter-combinations-of-a-phone-number)		38.6%	Medium
33	Search in Rotated Sorted Array (/problems/search-in-rotated-sorted-array)		32.2%	Medium

253	Meeting Rooms II (/problems/meeting-rooms-ii) 	 (/articles/meeting-rooms-ii)	40.5%	Medium
139	Word Break (/problems/word-break)	 (/articles/word-break)	32.9%	Medium
✓ 297	Serialize and Deserialize Binary Tree (/problems/serialize-and-deserialize-binary-tree)	 (/articles/serialize-and-deserialize-binary-tree)	37.3%	Hard
13	Roman to Integer (/problems/roman-to-integer)		49.9%	Easy
22	Generate Parentheses (/problems/generate-parentheses)	 (/articles/generate-parentheses)	50.9%	Medium
76	Minimum Window Substring (/problems/minimum-window-substring)	 (/articles/minimum-window-substring)	28.6%	Hard
88	Merge Sorted Array (/problems/merge-sorted-array)		33.6%	Easy
54	Spiral Matrix (/problems/spiral-matrix)	 (/articles/spiral-matrix)	28.5%	Medium
283	Move Zeroes (/problems/move-zeroes)	 (/articles/move-zeroes)	52.6%	Easy
412	Fizz Buzz (/problems/fizz-buzz)	 (/articles/fizz-buzz)	58.0%	Easy
269	Alien Dictionary (/problems/alien-dictionary) 		28.2%	Hard
49	Group Anagrams (/problems/group-anagrams)	 (/articles/group-anagrams)	42.1%	Medium
289	Game of Life (/problems/game-of-life)		40.4%	Medium
91	Decode Ways (/problems/decode-ways)		21.1%	Medium
8	String to Integer (atoi) (/problems/string-to-integer-atoi)		14.2%	Medium








✓	98	Validate Binary Search Tree (/problems/validate-binary-search-tree)		24.6%	Medium
	347	Top K Frequent Elements (/problems/top-k-frequent-elements)		51.4%	Medium
	380	Insert Delete GetRandom O(1) (/problems/insert-delete-getrandom-o1)		40.8%	Medium
	50	Pow(x, n) (/problems/powx-n)	 (/articles/powx-n)	26.8%	Medium
	322	Coin Change (/problems/coin-change)	 (/articles/coin-change)	27.6%	Medium
	79	Word Search (/problems/word-search)		29.2%	Medium
✓	236	Lowest Common Ancestor of a Binary Tree (/problems/lowest-common-ancestor-of-a-binary-tree)		32.8%	Medium
	128	Longest Consecutive Sequence (/problems/longest-consecutive-sequence)	 (/articles/longest-consecutive-sequence)	39.7%	Hard
	46	Permutations (/problems/permutations)		50.8%	Medium
	127	Word Ladder (/problems/word-ladder)		21.5%	Medium
✓	124	Binary Tree Maximum Path Sum (/problems/binary-tree-maximum-path-sum)		28.3%	Hard
	215	Kth Largest Element in an Array (/problems/kth-largest-element-in-an-array)		43.5%	Medium
	155	Min Stack (/problems/min-stack)		33.7%	Easy
	14	Longest Common Prefix (/problems/longest-common-prefix)	 (/articles/longest-common-prefix)	32.1%	Easy






✓ 70	Climbing Stairs (/problems/climbing-stairs)	 (/articles/climbing-stairs)	42.2%	Easy
300	Longest Increasing Subsequence (/problems/longest-increasing-subsequence)	 (/articles/longest-increasing-subsequence)	39.4%	Medium
239	Sliding Window Maximum (/problems/sliding-window-maximum)		35.7%	Hard
41	First Missing Positive (/problems/first-missing-positive)		27.1%	Hard
341	Flatten Nested List Iterator (/problems/flatten-nested-list-iterator)		45.0%	Medium
204	Count Primes (/problems/count-primes)		27.3%	Easy
387	First Unique Character in a String (/problems/first-unique-character-in-a-string)		47.8%	Easy
295	Find Median from Data Stream (/problems/find-median-from-data-stream)	 (/articles/find-median-from-data-stream)	32.4%	Hard
19	Remove Nth Node From End of List (/problems/remove-nth-node-from-end-of-list)	 (/articles/remove-nth-node-from-end-of-list)	33.6%	Medium
240	Search a 2D Matrix II (/problems/search-a-2d-matrix-ii)	 (/articles/search-a-2d-matrix-ii)	39.5%	Medium
287	Find the Duplicate Number (/problems/find-the-duplicate-number)	 (/articles/find-the-duplicate-number)	46.4%	Medium
48	Rotate Image (/problems/rotate-image)		44.6%	Medium
149	Max Points on a Line (/problems/max-points-on-a-line)		15.3%	Hard

103	Binary Tree Zigzag Level Order Traversal (/problems/binary-tree-zigzag-level-order-traversal)		38.8%	Medium
78	Subsets (/problems/subsets)		48.4%	Medium
227	Basic Calculator II (/problems/basic-calculator-ii)		31.5%	Medium
125	Valid Palindrome (/problems/valid-palindrome)		28.9%	Easy
102	Binary Tree Level Order Traversal (/problems/binary-tree-level-order-traversal)		45.2%	Medium
277	Find the Celebrity (/problems/find-the-celebrity) 📌		35.1%	Medium
38	Count and Say (/problems/count-and-say)		38.2%	Easy
✓ 198	House Robber (/problems/house-robber)	📄 (/articles/house-robber)	40.4%	Easy
315	Count of Smaller Numbers After Self (/problems/count-of-smaller-numbers-after-self)		35.8%	Hard
140	Word Break II (/problems/word-break-ii)	📄 (/articles/word-break-ii)	25.7%	Hard
✓ 152	Maximum Product Subarray (/problems/maximum-product-subarray)		27.7%	Medium
26	Remove Duplicates from Sorted Array (/problems/remove-duplicates-from-sorted-array)	📄 (/articles/remove-duplicates-from-sorted-array)	38.1%	Easy
242	Valid Anagram (/problems/valid-anagram)	📄 (/articles/valid-anagram)	49.3%	Easy
212	Word Search II (/problems/word-search-ii)		26.2%	Hard
150	Evaluate Reverse Polish Notation (/problems/evaluate-reverse-polish-notation)		30.2%	Medium

122	Best Time to Buy and Sell Stock II (/problems/best-time-to-buy-and-sell-stock-ii)	 (/articles/best-time-to-buy-and-sell-stock-ii)	49.5%	Easy
162	Find Peak Element (/problems/find-peak-element)	 (/articles/find-peak-element)	39.9%	Medium
160	Intersection of Two Linked Lists (/problems/intersection-of-two-linked-lists)	 (/articles/intersection-of-two-linked-lists)	30.8%	Easy
84	Largest Rectangle in Histogram (/problems/largest-rectangle-in-histogram)	 (/articles/largest-rectangle-in-histogram)	29.1%	Hard
✓ 94	Binary Tree Inorder Traversal (/problems/binary-tree-inorder-traversal)	 (/articles/binary-tree-inorder-traversal)	52.9%	Medium
207	Course Schedule (/problems/course-schedule)		35.2%	Medium
36	Valid Sudoku (/problems/valid-sudoku)		39.9%	Medium
218	The Skyline Problem (/problems/the-skyline-problem)		30.1%	Hard
169	Majority Element (/problems/majority-element)	 (/articles/majority-element)	49.9%	Easy
✓ 105	Construct Binary Tree from Preorder and Inorder Traversal (/problems/construct-binary-tree-from-preorder-and-inorder-traversal)		37.3%	Medium
136	Single Number (/problems/single-number)	 (/articles/single-number)	57.4%	Easy
75	Sort Colors (/problems/sort-colors)		40.2%	Medium
329	Longest Increasing Path in a Matrix (/problems/longest-increasing-path-in-a-matrix)	 (/articles/longest-increasing-path-matrix)	38.0%	Hard

348	Design Tic-Tac-Toe (/problems/design-tic-tac-toe)	47.2%	Medium
✓ 285	Inorder Successor in BST (/problems/inorder-successor-in-bst)	33.4%	Medium
29	Divide Two Integers (/problems/divide-two-integers)	15.7%	Medium
101	Symmetric Tree (/problems/symmetric-tree) (/articles/symmetric-tree)	41.7%	Easy
234	Palindrome Linked List (/problems/palindrome-linked-list)	34.4%	Easy
190	Reverse Bits (/problems/reverse-bits)	29.2%	Easy
268	Missing Number (/problems/missing-number) (/articles/missing-number)	46.4%	Easy
179	Largest Number (/problems/largest-number) (/articles/largest-number)	24.5%	Medium
210	Course Schedule II (/problems/course-schedule-ii)	32.1%	Medium
62	Unique Paths (/problems/unique-paths)	44.8%	Medium
237	Delete Node in a Linked List (/problems/delete-node-in-a-linked-list) (/articles/delete-node-linked-list)	49.9%	Easy
279	Perfect Squares (/problems/perfect-squares)	39.1%	Medium
66	Plus One (/problems/plus-one)	40.0%	Easy
73	Set Matrix Zeroes (/problems/set-matrix-zeroes) (/articles/set-matrix-zeroes)	37.9%	Medium

✓ 116	Populating Next Right Pointers in Each Node (/problems/populating-next-right-pointers-in-each-node)		36.5%	Medium
34	Find First and Last Position of Element in Sorted Array (/problems/find-first-and-last-position-of-element-in-sorted-array)	 (/articles/find-first-and-last-position-element-sorted-array)	32.2%	Medium
350	Intersection of Two Arrays II (/problems/intersection-of-two-arrays-ii)		45.3%	Easy
166	Fraction to Recurring Decimal (/problems/fraction-to-recurring-decimal)	 (/articles/fraction-to-recurring-decimal)	18.6%	Medium
44	Wildcard Matching (/problems/wildcard-matching)		21.7%	Hard
189	Rotate Array (/problems/rotate-array)	 (/articles/rotate-array)	27.3%	Easy
148	Sort List (/problems/sort-list)		32.2%	Medium
208	Implement Trie (Prefix Tree) (/problems/implement-trie-prefix-tree)	 (/articles/implement-trie-prefix-tree)	34.3%	Medium
55	Jump Game (/problems/jump-game)	 (/articles/jump-game)	30.4%	Medium
118	Pascal's Triangle (/problems/pascals-triangle)	 (/articles/pascals-triangle)	42.6%	Easy
163	Missing Ranges (/problems/missing-ranges) 		22.8%	Medium
108	Convert Sorted Array to Binary Search Tree (/problems/convert-sorted-array-to-binary-search-tree)		47.2%	Easy
378	Kth Smallest Element in a Sorted Matrix (/problems/kth-smallest-element-in-a-sorted-matrix)		46.7%	Medium

384	Shuffle an Array (/problems/shuffle-an-array)	 (/articles/shuffle-an-array)	48.4%	Medium
69	Sqrt(x) (/problems/sqrtx)		29.7%	Easy
340	Longest Substring with At Most K Distinct Characters (/problems/longest-substring-with-at-most-k-distinct-characters) 		38.5%	Hard
✓ 104	Maximum Depth of Binary Tree (/problems/maximum-depth-of-binary-tree)	 (/articles/maximum-depth-of-binary-tree)	57.4%	Easy
191	Number of 1 Bits (/problems/number-of-1-bits)	 (/articles/number-1-bits)	40.9%	Easy
✓ 230	Kth Smallest Element in a BST (/problems/kth-smallest-element-in-a-bst)		48.0%	Medium
371	Sum of Two Integers (/problems/sum-of-two-integers)		51.0%	Easy
324	Wiggle Sort II (/problems/wiggle-sort-ii)		26.7%	Medium
202	Happy Number (/problems/happy-number)		43.0%	Easy
28	Implement strStr() (/problems/implement-strstr)		30.2%	Easy
251	Flatten 2D Vector (/problems/flatten-2d-vector) 		42.5%	Medium
130	Surrounded Regions (/problems/surrounded-regions)		21.1%	Medium
171	Excel Sheet Column Number (/problems/excel-sheet-column-number)		50.0%	Easy
131	Palindrome Partitioning (/problems/palindrome-partitioning)		37.9%	Medium

395	Longest Substring with At Least K Repeating Characters (/problems/longest-substring-with-at-least-k-repeating-characters)		36.7%	Medium
134	Gas Station (/problems/gas-station)		31.7%	Medium
308	Range Sum Query 2D - Mutable (/problems/range-sum-query-2d-mutable) 📌		28.9%	Hard
328	Odd Even Linked List (/problems/odd-even-linked-list)	📄 (/articles/odd-even-linked-list)	46.8%	Medium
172	Factorial Trailing Zeroes (/problems/factorial-trailing-zeroes)		36.9%	Easy
217	Contains Duplicate (/problems/contains-duplicate)	📄 (/articles/contains-duplicate)	49.2%	Easy
334	Increasing Triplet Subsequence (/problems/increasing-triplet-subsequence)		39.3%	Medium
454	4Sum II (/problems/4sum-ii)		48.5%	Medium
326	Power of Three (/problems/power-of-three)	📄 (/articles/power-of-three)	41.0%	Easy

all  rows per page.

🔖 Topics

Array **144** (/tag/array/)

Dynamic Programming **117** (/tag/dynamic-programming/)

String **113** (/tag/string/)

Math **109** (/tag/math/)

Tree **94** (/tag/tree/)

Hash Table **88** (/tag/hash-table/)

Depth-first Search **85** (/tag/depth-first-search/)

Binary Search **58** (/tag/binary-search/)

Two Pointers **47** (/tag/two-pointers/)

Breadth-first Search **44** (/tag/breadth-first-search/)

Stack **42** (/tag/stack/)

Backtracking **39** (/tag/backtracking/)

[Design 38 \(/tag/design/\)](/tag/design/)[Greedy 38 \(/tag/greedy/\)](/tag/greedy/)[Linked List 34 \(/tag/linked-list/\)](/tag/linked-list/)[Bit Manipulation 32 \(/tag/bit-manipulation/\)](/tag/bit-manipulation/)[Heap 31 \(/tag/heap/\)](/tag/heap/)[Show More](#)

Companies

[Google 577 \(/company/google/\)](/company/google/)[Amazon 380 \(/company/amazon/\)](/company/amazon/)[Facebook 378 \(/company/facebook/\)](/company/facebook/)[Microsoft 300 \(/company/microsoft/\)](/company/microsoft/)[Bloomberg 235 \(/company/bloomberg/\)](/company/bloomberg/)[Adobe 184 \(/company/adobe/\)](/company/adobe/)[Uber 179 \(/company/uber/\)](/company/uber/)[Apple 177 \(/company/apple/\)](/company/apple/)[LinkedIn 144 \(/company/linkedin/\)](/company/linkedin/)[Alibaba 118 \(/company/alibaba/\)](/company/alibaba/)[Yahoo 118 \(/company/yahoo/\)](/company/yahoo/)[Baidu 92 \(/company/baidu/\)](/company/baidu/)[Airbnb 89 \(/company/airbnb/\)](/company/airbnb/)[Snapchat 86 \(/company/snapchat/\)](/company/snapchat/)[Twitter 83 \(/company/twitter/\)](/company/twitter/)[Yelp 77 \(/company/yelp/\)](/company/yelp/)[Tencent 64 \(/company/tencent/\)](/company/tencent/)[eBay 59 \(/company/ebay/\)](/company/ebay/)[Goldman Sachs 49 \(/company/goldman-sachs/\)](/company/goldman-sachs/)[VMware 49 \(/company/vmware/\)](/company/vmware/)[Oracle 48 \(/company/oracle/\)](/company/oracle/)[Zenefits 43 \(/company/zenefits/\)](/company/zenefits/)[Pocket Gems 42 \(/company/pocket-gems/\)](/company/pocket-gems/)[Lyft 40 \(/company/lyft/\)](/company/lyft/)[Walmart Labs 36 \(/company/walmart-labs/\)](/company/walmart-labs/)[Expedia 33 \(/company/expedia/\)](/company/expedia/)[Paypal 33 \(/company/paypal/\)](/company/paypal/)[Intuit 31 \(/company/intuit/\)](/company/intuit/)[Pinterest 31 \(/company/pinterest/\)](/company/pinterest/)[Salesforce 31 \(/company/salesforce/\)](/company/salesforce/)[Two Sigma 31 \(/company/two-sigma/\)](/company/two-sigma/)[Zillow 30 \(/company/zillow/\)](/company/zillow/)[Cisco 27 \(/company/cisco/\)](/company/cisco/)[Works Applications 27 \(/company/works-applications/\)](/company/works-applications/)[Palantir Technologies 26 \(/company/palantir-technologies/\)](/company/palantir-technologies/)[Dropbox 23 \(/company/dropbox/\)](/company/dropbox/)[Aetion 21 \(/company/aetion/\)](/company/aetion/)[Square 21 \(/company/square/\)](/company/square/)[NetEase 20 \(/company/netease/\)](/company/netease/)[Hulu 19 \(/company/hulu/\)](/company/hulu/)[Indeed 19 \(/company/indeed/\)](/company/indeed/)[Mathworks 19 \(/company/mathworks/\)](/company/mathworks/)[Capital One 18 \(/company/capital-one/\)](/company/capital-one/)[Samsung 18 \(/company/samsung/\)](/company/samsung/)[IXL 17 \(/company/ixl/\)](/company/ixl/)[Nutanix 17 \(/company/nutanix/\)](/company/nutanix/)[Nvidia 17 \(/company/nvidia/\)](/company/nvidia/)[Qualtrics 17 \(/company/qualtrics/\)](/company/qualtrics/)[Coursera 16 \(/company/coursera/\)](/company/coursera/)[Show More](#)

Copyright © 2018 LeetCode

[Contact Us \(/support/\)](/support/) | [FAQ \(/faq/\)](/faq/) | [Terms \(/terms/\)](/terms/) | [Privacy Policy \(/privacy/\)](/privacy/) [United States \(/region/\)](/region/)