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New Year Gift - Curated List of Top 75 LeetCode Questions to Save Your Time

Facebook / Eng tech lead

Dec 30, 2018 90 Comments

New Year Gift to every fellow time-constrained engineer out there looking for a job, here's a list of the best LeetCode questions that teach you core concepts and techniques for each category/type of problems! Many other LeetCode questions are a mash of the techniques from these individual questions. I used this list in my last job hunt to only do the important questions.

Good luck and Happy New Year!

Array

- Two Sum - <https://leetcode.com/problems/two-sum/>
- Best Time to Buy and Sell Stock - <https://leetcode.com/problems/best-time-to-buy-and-sell-stock/>
- Contains Duplicate - <https://leetcode.com/problems/contains-duplicate/>
- Product of Array Except Self - <https://leetcode.com/problems/product-of-array-except-self/>
- Maximum Subarray - <https://leetcode.com/problems/maximum-subarray/>
- Maximum Product Subarray - <https://leetcode.com/problems/maximum-product-subarray/>
- Find Minimum in Rotated Sorted Array - <https://leetcode.com/problems/find-minimum-in-rotated-sorted-array/>
- Search in Rotated Sorted Array - <https://leetcode.com/problems/search-in-rotated-sorted-array/>
- 3Sum - <https://leetcode.com/problems/3sum/>
- Container With Most Water - <https://leetcode.com/problems/container-with-most-water/>

Binary

- Sum of Two Integers - <https://leetcode.com/problems/sum-of-two-integers/>
- Number of 1 Bits - <https://leetcode.com/problems/number-of-1-bits/>
- Counting Bits - <https://leetcode.com/problems/counting-bits/>
- Missing Number - <https://leetcode.com/problems/missing-number/>
- Reverse Bits - <https://leetcode.com/problems/reverse-bits/>

Dynamic Programming

- Climbing Stairs - <https://leetcode.com/problems/climbing-stairs/>
- Coin Change - <https://leetcode.com/problems/coin-change/>
- Longest Increasing Subsequence - <https://leetcode.com/problems/longest-increasing-subsequence/>
- Longest Common Subsequence -
- Word Break Problem - <https://leetcode.com/problems/word-break/>
- Combination Sum - <https://leetcode.com/problems/combination-sum-iv/>
- House Robber - <https://leetcode.com/problems/house-robber/>
- House Robber II - <https://leetcode.com/problems/house-robber-ii/>
- Decode Ways - <https://leetcode.com/problems/decode-ways/>
- Unique Paths - <https://leetcode.com/problems/unique-paths/>
- Jump Game - <https://leetcode.com/problems/jump-game/>

Graph

- Clone Graph - <https://leetcode.com/problems/clone-graph/>
- Course Schedule - <https://leetcode.com/problems/course-schedule/>
- Pacific Atlantic Water Flow - <https://leetcode.com/problems/pacific-atlantic-water-flow/>
- Number of Islands - <https://leetcode.com/problems/number-of-islands/>
- Longest Consecutive Sequence - <https://leetcode.com/problems/longest-consecutive-sequence/>
- Alien Dictionary (Leetcode Premium) - <https://leetcode.com/problems/alien-dictionary/>
- Graph Valid Tree (Leetcode Premium) - <https://leetcode.com/problems/graph-valid-tree/>
- Number of Connected Components in an Undirected Graph (Leetcode Premium) - <https://leetcode.com/problems/number-of-connected-components-in-an-undirected-graph/>

Interval

- Insert Interval - <https://leetcode.com/problems/insert-interval/>
- Merge Intervals - <https://leetcode.com/problems/merge-intervals/>
- Non-overlapping Intervals - <https://leetcode.com/problems/non-overlapping-intervals/>
- Meeting Rooms (Leetcode Premium) - <https://leetcode.com/problems/meeting-rooms/>
- Meeting Rooms II (Leetcode Premium) - <https://leetcode.com/problems/meeting-rooms-ii/>

Linked List

- Reverse a Linked List - <https://leetcode.com/problems/reverse-linked-list/>

- Detect Cycle in a Linked List - <https://leetcode.com/problems/linked-list-cycle/>
- Merge Two Sorted Lists - <https://leetcode.com/problems/merge-two-sorted-lists/>
- Merge K Sorted Lists - <https://leetcode.com/problems/merge-k-sorted-lists/>
- Remove Nth Node From End Of List - <https://leetcode.com/problems/remove-nth-node-from-end-of-list/>
- Reorder List - <https://leetcode.com/problems/reorder-list/>

Matrix

- Set Matrix Zeroes - <https://leetcode.com/problems/set-matrix-zeroes/>
- Spiral Matrix - <https://leetcode.com/problems/spiral-matrix/>
- Rotate Image - <https://leetcode.com/problems/rotate-image/>
- Word Search - <https://leetcode.com/problems/word-search/>

String

- Longest Substring Without Repeating Characters - <https://leetcode.com/problems/longest-substring-without-repeating-characters/>
- Longest Repeating Character Replacement - <https://leetcode.com/problems/longest-repeating-character-replacement/>
- Minimum Window Substring - <https://leetcode.com/problems/minimum-window-substring/>
- Valid Anagram - <https://leetcode.com/problems/valid-anagram/>
- Group Anagrams - <https://leetcode.com/problems/group-anagrams/>
- Valid Parentheses - <https://leetcode.com/problems/valid-parentheses/>
- Valid Palindrome - <https://leetcode.com/problems/valid-palindrome/>
- Longest Palindromic Substring - <https://leetcode.com/problems/longest-palindromic-substring/>
- Palindromic Substrings - <https://leetcode.com/problems/palindromic-substrings/>
- Encode and Decode Strings (Leetcode Premium) - <https://leetcode.com/problems/encode-and-decode-strings/>

Tree

- Maximum Depth of Binary Tree - <https://leetcode.com/problems/maximum-depth-of-binary-tree/>
- Same Tree - <https://leetcode.com/problems/same-tree/>
- Invert/Flip Binary Tree - <https://leetcode.com/problems/invert-binary-tree/>
- Binary Tree Maximum Path Sum - <https://leetcode.com/problems/binary-tree-maximum-path-sum/>
- Binary Tree Level Order Traversal - <https://leetcode.com/problems/binary-tree-level-order-traversal/>
- Serialize and Deserialize Binary Tree - <https://leetcode.com/problems/serialize-and-deserialize-binary-tree/>
- Subtree of Another Tree - <https://leetcode.com/problems/subtree-of-another-tree/>
- Construct Binary Tree from Preorder and Inorder Traversal - <https://leetcode.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/>

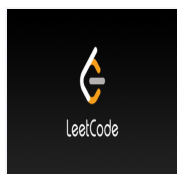
[binary-tree-from-preorder-and-inorder-traversal/](#)

- Validate Binary Search Tree - <https://leetcode.com/problems/validate-binary-search-tree/>
- Kth Smallest Element in a BST - <https://leetcode.com/problems/kth-smallest-element-in-a-bst/>
- Lowest Common Ancestor of BST - <https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-search-tree/>
- Implement Trie (Prefix Tree) - <https://leetcode.com/problems/implement-trie-prefix-tree/>
- Add and Search Word - <https://leetcode.com/problems/add-and-search-word-data-structure-design/>
- Word Search II - <https://leetcode.com/problems/word-search-ii/>

Heap

- Merge K Sorted Lists - <https://leetcode.com/problems/merge-k-sorted-lists/>
- Top K Frequent Elements - <https://leetcode.com/problems/top-k-frequent-elements/>
- Find Median from Data Stream - <https://leetcode.com/problems/find-median-from-data-stream/>

You're welcome!



Binary Tree Maximum Path Sum - LeetCode

Leetcode

Google

Microsoft

Amazon

387

90

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TOP

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What is the basis of this short list? How did you come up with the list? What is the criteria?

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