**Top 100 Programming Questions Tracker**

**Categories**

1. **Array**
2. **Linked List**
3. **String**
4. **Stack and Queue**
5. **Tree and Graph**
6. **Dynamic Programming**
7. **Graph**
8. **Miscellaneous**

**Tracker Table**

**Array**

| **Problem** | **Link** | **Difficulty** | **Note** |
| --- | --- | --- | --- |
| Check if pair with the given Sum exists in Array | [Link](https://leetcode.com/problems/two-sum/) | Easy |  |
| Best Time to Buy and Sell Stock | [Link](https://leetcode.com/problems/best-time-to-buy-and-sell-stock/) | Easy |  |
| Find duplicates | [Link](https://leetcode.com/problems/find-the-duplicate-number/) | Medium |  |
| Product of Array Except Self | [Link](https://leetcode.com/problems/product-of-array-except-self/) | Medium |  |
| Maximum Subarray | [Link](https://leetcode.com/problems/maximum-subarray/) | Easy |  |
| Maximum Product Subarray | [Link](https://leetcode.com/problems/maximum-product-subarray/) | Medium |  |
| Find Minimum in Rotated Sorted Array | [Link](https://leetcode.com/problems/find-minimum-in-rotated-sorted-array/) | Medium |  |
| Search in Rotated Sorted Array | [Link](https://leetcode.com/problems/search-in-rotated-sorted-array/) | Medium |  |
| 3 Sum | [Link](https://leetcode.com/problems/3sum/) | Medium |  |
| Container With Most Water | [Link](https://leetcode.com/problems/container-with-most-water/) | Medium |  |
| Find the Factorial of a large number | [Link](https://leetcode.com/problems/factorial-trailing-zeroes/) | Medium |  |
| Trapping Rain Water | [Link](https://leetcode.com/problems/trapping-rain-water/) | Hard |  |
| Chocolate Distribution Problem | [Link](https://leetcode.com/problems/distribute-chocolates/) | Medium |  |
| Insert Interval | [Link](https://leetcode.com/problems/insert-interval/) | Hard |  |
| Merge Intervals | [Link](https://leetcode.com/problems/merge-intervals/) | Medium |  |
| Non-overlapping Intervals | [Link](https://leetcode.com/problems/non-overlapping-intervals/) | Medium |  |
| Set Matrix Zeroes | [Link](https://leetcode.com/problems/set-matrix-zeroes/) | Medium |  |
| Spiral Matrix | [Link](https://leetcode.com/problems/spiral-matrix/) | Medium |  |

**Linked List**

| **Problem** | **Link** | **Difficulty** | **Note** |
| --- | --- | --- | --- |
| Reverse a Linked List | [Link](https://leetcode.com/problems/reverse-linked-list/) | Easy |  |
| Detect Cycle in a Linked List | [Link](https://leetcode.com/problems/linked-list-cycle/) | Medium |  |
| Merge Two Sorted Lists | [Link](https://leetcode.com/problems/merge-two-sorted-lists/) | Easy |  |
| Merge K Sorted Lists | [Link](https://leetcode.com/problems/merge-k-sorted-lists/) | Hard |  |
| Remove Nth Node From End Of List | [Link](https://leetcode.com/problems/remove-nth-node-from-end-of-list/) | Medium |  |
| Reorder List | [Link](https://leetcode.com/problems/reorder-list/) | Medium |  |
| Add 1 to a number represented as linked list | [Link](https://leetcode.com/problems/plus-one-linked-list/) | Medium |  |
| Find the middle of a given linked list | [Link](https://leetcode.com/problems/middle-of-the-linked-list/) | Easy |  |
| Delete last occurrence of an item from linked list | [Link](https://leetcode.com/problems/remove-linked-list-elements/) | Easy |  |

**String**

| **Problem** | **Link** | **Difficulty** | **Note** |
| --- | --- | --- | --- |
| Longest Substring Without Repeating Characters | [Link](https://leetcode.com/problems/longest-substring-without-repeating-characters/) | Medium |  |
| Longest Repeating Character Replacement | [Link](https://leetcode.com/problems/longest-repeating-character-replacement/) | Medium |  |
| Smallest window in a String containing all characters of other String | [Link](https://leetcode.com/problems/minimum-window-substring/) | Hard |  |
| Check whether two Strings are anagram of each other | [Link](https://leetcode.com/problems/valid-anagram/) | Easy |  |
| Print all anagrams together | [Link](https://leetcode.com/problems/group-anagrams/) | Medium |  |

**Stack and Queue**

| **Problem** | **Link** | **Difficulty** | **Note** |
| --- | --- | --- | --- |
| Check if given Parentheses expression is balanced or not | [Link](https://leetcode.com/problems/valid-parentheses/) | Easy |  |
| Delete middle element of a stack | [Link](https://leetcode.com/problems/delete-middle-element-of-a-stack/) | Medium |  |

**Tree and Graph**

| **Problem** | **Link** | **Difficulty** | **Note** |
| --- | --- | --- | --- |
| Invert/Flip Binary Tree | [Link](https://leetcode.com/problems/invert-binary-tree/) | Easy |  |
| Binary Tree Maximum Path Sum | [Link](https://leetcode.com/problems/binary-tree-maximum-path-sum/) | Hard |  |
| Binary Tree Level Order Traversal | [Link](https://leetcode.com/problems/binary-tree-level-order-traversal/) | Medium |  |
| Serialize and Deserialize Binary Tree | [Link](https://leetcode.com/problems/serialize-and-deserialize-binary-tree/) | Hard |  |
| Subtree of Another Tree | [Link](https://leetcode.com/problems/subtree-of-another-tree/) | Easy |  |
| Construct Binary Tree from Preorder and Inorder Traversal | [Link](https://leetcode.com/problems/construct-binary-tree-from-preorder-and-inorder-traversal/) | Medium |  |
| Validate Binary Search Tree | [Link](https://leetcode.com/problems/validate-binary-search-tree/) | Medium |  |
| Kth Smallest Element in a BST | [Link](https://leetcode.com/problems/kth-smallest-element-in-a-bst/) | Medium |  |
| Lowest Common Ancestor of BST | [Link](https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-search-tree/) | Easy |  |
| Implement Trie (Prefix Tree) | [Link](https://leetcode.com/problems/implement-trie-prefix-tree/) | Medium |  |
| Add and Search Word | [Link](https://leetcode.com/problems/add-and-search-word-data-structure-design/) | Medium |  |

**Dynamic Programming**

| **Problem** | **Link** | **Difficuly** | **Note** |
| --- | --- | --- | --- |
| Coin Change | [Link](https://leetcode.com/problems/coin-change/) | Medium |  |
| 0/1 Knapsack Problem | [Link](https://leetcode.com/problems/partition-equal-subset-sum/) | Medium |  |
| Longest Increasing Subsequence | [Link](https://leetcode.com/problems/longest-increasing-subsequence/) | Medium |  |
| Longest Common Subsequence | [Link](https://leetcode.com/problems/longest-common-subsequence/) | Medium |  |
| Word Break Problem | [Link](https://leetcode.com/problems/word-break/) | Medium |  |

**Graph**

| **Problem** | **Link** | **Difficulty** | **Note** |
| --- | --- | --- | --- |
| Detect Cycle in a Directed Graph | [Link](https://leetcode.com/problems/find-eventual-safe-states/) | Medium |  |
| Bridges in a graph | [Link](https://leetcode.com/problems/critical-connections-in-a-network/) | Hard |  |
| Check whether a given graph is Bipartite or not | [Link](https://leetcode.com/problems/is-graph-bipartite/) | Medium |  |
| Strongly Connected Components | [Link](https://leetcode.com/problems/strong-connected-components/) | Hard |  |
| Topological Sorting | [Link](https://leetcode.com/problems/course-schedule-ii/) | Medium |  |

**Miscellaneous**

| **Problem** | **Link** | **Difficulty** | **Note** |
| --- | --- | --- | --- |
| Sentence Palindrome | [Link](https://leetcode.com/problems/valid-palindrome/) | Easy |  |
| Palindromic Substrings | [Link](https://leetcode.com/problems/palindromic-substrings/) | Medium |  |
| Longest Common Prefix | [Link](https://leetcode.com/problems/longest-common-prefix/) | Easy |  |
| Print Right View of a Binary Tree | [Link](https://leetcode.com/problems/binary-tree-right-side-view/) | Medium |  |
| Find the first circular tour that visits all petrol pumps | [Link](https://leetcode.com/problems/gas-station/) | Medium |  |
| Length of the longest valid substring | [Link](https://leetcode.com/problems/longest-valid-parentheses/) | Hard |  |
| Find the XOR of all subsets of a set | [Link](https://leetcode.com/problems/subsets/) | Medium |  |
| Detect Cycle in a Directed Graph | [Link](https://leetcode.com/problems/course-schedule/) | Medium |  |
| Bridges in a graph | [Link](https://leetcode.com/problems/pacific-atlantic-water-flow/) | Medium |  |
| Check whether a given graph is Bipartite or not | [Link](https://leetcode.com/problems/number-of-islands/) | Medium |  |
| Find size of the largest region in Boolean Matrix | [Link](https://leetcode.com/problems/longest-consecutive-sequence/) | Medium |  |
| Flood fill Algorithm | [Link](https://leetcode.com/problems/snakes-and-ladders/) | Medium |  |
| Strongly Connected Components | [Link](https://leetcode.com/problems/find-eventual-safe-states/) | Medium |  |
| Topological Sorting | [Link](https://leetcode.com/problems/critical-connections-in-a-network/) | Medium |  |
| Count ways to reach the n’th stair | [Link](https://leetcode.com/problems/climbing-stairs/) | Easy |  |
| Coin Change | [Link](https://leetcode.com/problems/coin-change/) | Medium |  |
| 0/1 Knapsack Problem | [Link](https://leetcode.com/problems/partition-equal-subset-sum/) | Medium |  |
| Longest Increasing Subsequence | [Link](https://leetcode.com/problems/longest-increasing-subsequence/) | Medium |  |
| Longest Common Subsequence | [Link](https://leetcode.com/problems/longest-common-subsequence/) | Medium |  |
| Word Break Problem | [Link](https://leetcode.com/problems/word-break/) | Medium |  |
| Dice Throw | [Link](https://leetcode.com/problems/number-of-dice-rolls-with-target-sum/) | Medium |  |
| Egg Dropping Puzzle | [Link](https://leetcode.com/problems/super-egg-drop/) | Hard |  |
| Matrix Chain Multiplication | [Link](https://leetcode.com/problems/minimum-cost-matrix-multiplication/) | Medium |  |
| Combination Sum | [Link](https://leetcode.com/problems/combination-sum/) | Medium |  |
| Subset Sum Problem | [Link](https://leetcode.com/problems/partition-equal-subset-sum/) | Medium |  |
| Find maximum possible stolen value from houses | [Link](https://leetcode.com/problems/house-robber/) | Medium |  |
| Count Possible Decodings of a given Digit Sequence | [Link](https://leetcode.com/problems/decode-ways/) | Medium |  |
| Unique paths in a Grid with Obstacles | [Link](https://leetcode.com/problems/unique-paths-ii/) | Medium |  |
| Jump Game | [Link](https://leetcode.com/problems/jump-game/) | Medium |  |
| Cutting a Rod | [Link](https://leetcode.com/problems/cutting-a-rod/) | Medium |  |
| Maximum Product Cutting | [Link](https://leetcode.com/problems/integer-break/) | Medium |  |
| Count number of ways to cover a distance | [Link](https://leetcode.com/problems/climbing-stairs/) | Easy |  |
| Number of 1 Bits | [Link](https://leetcode.com/problems/number-of-1-bits/) | Easy |  |
| Counting Bits | [Link](https://leetcode.com/problems/counting-bits/) | Medium |  |
| Missing Number | [Link](https://leetcode.com/problems/missing-number/) | Easy |  |
| Reverse Bits | [Link](https://leetcode.com/problems/reverse-bits/) | Easy |  |
| Find XOR of all subsets of a set | [Link](https://leetcode.com/problems/subsets/) | Medium |  |