

Arrays & Strings

1. Two Sum (LeetCode 1)
2. Longest Substring Without Repeating Characters (LeetCode 3)
3. Product of Array Except Self (LeetCode 238)
4. Maximum Subarray (LeetCode 53)
5. Merge Intervals (LeetCode 56)



Linked Lists

1. Reverse Linked List (LeetCode 206)
2. Merge Two Sorted Lists (LeetCode 21)
3. Detect Cycle in a Linked List (LeetCode 141)
4. Remove Nth Node From End of List (LeetCode 19)

Stacks & Queues

1. Valid Parentheses (LeetCode 20)
2. Implement Queue using Stacks (LeetCode 232)
3. Min Stack (LeetCode 155)
4. Largest Rectangle in Histogram (LeetCode 84)
5. Sliding Window Maximum (LeetCode 239)

Trees

1. Binary Tree Inorder Traversal (LeetCode 94)
2. Validate Binary Search Tree (LeetCode 98)
3. Lowest Common Ancestor of a Binary Search Tree (LeetCode 235)
4. Binary Tree Maximum Path Sum (LeetCode 124)

Dynamic Programming

1. Climbing Stairs (LeetCode 70)
2. Longest Increasing Subsequence (LeetCode 300)
3. Coin Change (LeetCode 322)
4. Longest Common Subsequence (LeetCode 1143)
5. Edit Distance (LeetCode 72)

Backtracking

1. Subsets (LeetCode 78)
2. Permutations (LeetCode 46)
3. Combination Sum (LeetCode 39)
4. N-Queens (LeetCode 51)
5. Word Search (LeetCode 79)



Greedy Algorithms

1. Gas Station (LeetCode 134)
2. Jump Game (LeetCode 55)
3. Partition Labels (LeetCode 763)
4. Minimum Number of Arrows to Burst Balloons (LeetCode 452)
5. Assign Cookies (LeetCode 455)

A hand holding a smartphone is visible in the upper left, with the screen showing a dark image. The background is a night-time aerial view of a city, with lights from buildings and streets creating a bokeh effect. A white rounded rectangle contains the text.

Divide and Conquer

1. Merge Sort
2. Quick Sort
3. Kth Largest Element in an Array
(LeetCode 215)
4. Find Peak Element (LeetCode 162)
5. Majority Element (LeetCode 169)



Heaps

1. Merge k Sorted Lists (LeetCode 23)
2. Top K Frequent Elements (LeetCode 347)
3. Find Median from Data Stream (LeetCode 295)
4. Kth Largest Element in an Array (LeetCode 215)
5. Sliding Window Median (LeetCode 480)