Arrays

↻ First Missing Positive (Hard)

↻ Rotate Array (Medium)

↻ Product of Array Except Self (Medium)

↻ Best Time to Buy and Sell Stock II (Medium)

↻ Number of Zero-Filled Subarrays (Medium)

↻ Increasing Triplet Subsequence (Medium)

Strings

↻ Guess the Word (Hard)

↻ Zigzag Conversion (Medium)

↻ Reverse Words in a String (Medium)

Two Pointers

↻ Trapping Rain Water (Hard)

↻ Two Sum II - Input Array Is Sorted (Medium)

↻ Container With Most Water (Medium)

↻ 3Sum (Medium)

Sliding Window – Fixed Size

↻ Substring with Concatenation of All Words (Hard)

↻ Find All Anagrams in a String (Medium)

↻ Permutation in String (Medium)

↻ Maximum Sum of Distinct Subarrays With Length K (Medium)

Sliding Window – Dynamic Size

↻ Minimum Window Substring (Hard)

↻ Longest Substring Without Repeating Characters (Medium)

↻ Longest Repeating Character Replacement (Medium)

↻ Minimum Size Subarray Sum (Medium)

↻ Max Consecutive Ones III (Medium)

LinkedList In-place Reversal

↻ Reverse Nodes in k-Group (Hard)

↻ Reverse Linked List II (Medium)

Stacks

↻ Longest Valid Parentheses (Hard)

↻ Min Stack (Medium)

↻ Remove Duplicate Letters (Medium)

↻ Removing Stars From a String (Medium)

↻ Evaluate Reverse Polish Notation (Medium)

↻ Basic Calculator II (Medium)

Monotonic Stack

↻ Number of Visible People in a Queue (Hard)

↻ Largest Rectangle in Histogram (Hard)

↻ Daily Temperatures (Medium)

↻ Online Stock Span (Medium)

↻ 132 Pattern (Medium)

Merge Sort

↻ Reverse Pairs (Hard)

↻ Sort List (Medium)

Binary Search

↻ Find in Mountain Array (Hard)

↻ Median of Two Sorted Arrays (Hard)

↻ Find First and Last Position of Element in Sorted Array (Medium)

↻ Search in Rotated Sorted Array (Medium)

↻ Find Peak Element (Medium)

↻ Random Pick with Weight (Medium)

↻ Koko Eating Bananas (Medium)

↻ Find Minimum in Rotated Sorted Array (Medium)

↻ Search a 2D Matrix (Medium)

Backtracking

↻ N-Queens (Hard)

↻ Generate Parentheses (Medium)

↻ Permutations (Medium)

↻ Subsets (Medium)

↻ Combination Sum (Medium)

↻ Combination Sum II (Medium)

↻ Letter Combinations of a Phone Number (Medium)

↻ Palindrome Partitioning (Medium)

Tree Traversal – Pre Order

↻ Serialize and Deserialize Binary Tree (Hard)

↻ Path Sum III (Medium)

↻ Maximum Difference Between Node and Ancestor (Medium)

↻ Construct Binary Tree from Preorder and Inorder Traversal (Medium)

↻ Construct Binary Tree from Inorder and Postorder Traversal (Medium)

Tries

↻ Word Search II (Hard)

↻ Implement Trie (Prefix Tree) (Medium)

↻ Design Add and Search Words Data Structure (Medium)

↻ Search Suggestions System (Medium)

↻ Longest Word in Dictionary (Medium)

↻ Maximum XOR of Two Numbers in an Array (Medium)

Two Heaps

↻ Find Median from Data Stream (Hard)

↻ IPO (Hard)

↻ Sliding Window Median (Hard)

K-Way Merge

↻ Merge k Sorted Lists (Hard)

↻ Smallest Range Covering Elements from K Lists (Hard)

Data Structure Design

↻ Maximum Frequency Stack (Hard)

Greedy

↻ Minimum Cost to Hire K Workers (Hard)

↻ Candy (Hard)

↻ Minimum Number of Refueling Stops (Hard)

DFS

↻ Making A Large Island (Hard)

BFS

↻ Shortest Path in a Grid with Obstacles Elimination (Hard)

↻ Bus Routes (Hard)

↻ Word Ladder (Hard)

Topological Sort

↻ Sort Items by Groups Respecting Dependencies (Hard)

Union Find

↻ Minimize Malware Spread (Hard)

Shortest Path

↻ Swim in Rising Water (Hard)

Eulerian Circuit

↻ Reconstruct Itinerary (Hard)

↻ Cracking the Safe (Hard)

Longest Increasing Subsequence DP

↻ Russian Doll Envelopes (Hard)

2D (Grid) DP

↻ Burst Balloons (Hard)

↻ Maximum Profit in Job Scheduling (Hard)

↻ Cherry Pickup (Hard)

↻ Longest Increasing Path in a Matrix (Hard)