

Arrays & Hashing: Can Place Flowers Concatenation of Array Contains Duplicate Design HashMap Design HashSet Design Parking System Find All Numbers Disappeared in An Array Find Pivot Index Find The Index of The First Occurrence in a String Find the Difference of Two Arrays Is Subsequence Isomorphic Strings Length of Last Word Longest Common Prefix Majority Element Maximum Number of Balloons Next Greater Element I Pascals Triangle Range Sum Query - Immutable Remove Element Replace Elements With Greatest Element On Right Side Sign of An Array Two Sum Unique Email Addresses Valid Anagram Word Pattern Best Time to Buy And Sell Stock II Brick Wall Check if a String Contains all Binary Codes of Size K Continuous Subarray Sum Design Underground System Encode and Decode Strings Encode and Decode TinyURL Find All Anagrams in a String Grid Game Group Anagrams Insert Delete Get Random $O(1)$ Largest Number Longest Consecutive Sequence Maximum Product of The Length of Two Palindromic Subsequences Minimum Number of Swaps to Make The String Balanced Minimum Penalty for a Shop Non Decreasing Array Number of Pairs of Interchangeable Rectangles Number of Zero-Filled Subarrays Optimal Partition of String Product of Array Except Self Push Dominoes Range Sum Query 2D Immutable Repeated DNA Sequences Sort Colors Sort an Array Subarray Sum Equals K Top K Frequent Elements Unique Length 3 Palindromic Subsequences Valid Sudoku Wiggle Sort First Missing Positive Naming a Company Text Justification

Two Pointers: Merge Sorted Array Merge Strings Alternately Minimum Difference Between Highest And Lowest of K Scores Move Zeroes Remove Duplicates From Sorted Array Reverse String Valid Palindrome Valid Palindrome II 3Sum 4Sum Array With Elements Not Equal to Average of Neighbors Boats to Save People Container With Most Water Number of Subsequences That Satisfy The Given Sum Condition Remove Duplicates From Sorted Array II Rotate Array Two Sum II Input Array Is Sorted Trapping Rain Water

Sliding Window: Best Time to Buy And Sell Stock Contains Duplicate II Find K Closest Elements Frequency of The Most Frequent Element Fruits into Basket Longest Repeating Character Replacement Longest Substring Without Repeating Characters Maximum Number of Vowels in a Substring of Given Length Minimum Number of Flips to Make The Binary String Alternating Minimum Operations to Reduce X to Zero Minimum Size Subarray Sum Number of Sub Arrays of Size K and Avg Greater than or Equal to Threshold Permutation In String Minimum Window Substring Sliding Window Maximum

Stack: Baseball Game Implement Stack Using Queues Valid Parentheses 132 Pattern Asteroid Collision Car Fleet Daily Temperatures Decode String Evaluate Reverse Polish Notation Generate Parentheses Min Stack Online Stock Span Remove All Adjacent Duplicates In String II Remove K Digits Removing Stars From a String Simplify Path Validate Stack Sequences Largest Rectangle In Histogram Maximum Frequency Stack

Binary Search: Arranging Coins Binary Search Guess Number Higher Or Lower Search Insert Position $\text{Sqrt}(x)$ Squares of a Sorted Array Valid Perfect Square Capacity to Ship Packages Find First And Last Position of Element In Sorted Array Find Minimum In Rotated Sorted Array Find Peak Element Koko Eating Bananas Maximum Number of Removable

Characters Minimize the Maximum Difference of Pairs Populating Next Right Pointers In Each Node Search In Rotated Sorted Array Search In Rotated Sorted Array II

Linked List: Add Two Numbers Copy List with Random Pointer Linked List Cycle Merge Two Sorted Lists Remove Nth Node From End of List Reorder List Reverse Linked List Reverse Nodes in k-Group Rotate List LRU Cache Intersection of Two Linked Lists Flatten a Multilevel Doubly Linked List Palindrome Linked List Design Linked List Add Two Numbers II

Trees: Invert Binary Tree Same Tree Subtree of Another Tree Binary Tree Maximum Path Sum Diameter of Binary Tree Balanced Binary Tree Binary Tree Level Order Traversal Validate Binary Search Tree Kth Smallest Element in a BST Lowest Common Ancestor of BST Serialize and Deserialize Binary Tree Construct Binary Tree from Preorder and Inorder Traversal Binary Tree Right Side View Count Good Nodes in Binary Tree Populating Next Right Pointers in Each Node Binary Tree Zigzag Level Order Traversal Path Sum III

Tries: Implement Trie Add and Search Word Design Add and Search Words Data Structure Word Search II

Heap / Priority Queue: Last Stone Weight Kth Largest Element in a Stream Top K Frequent Words Design Twitter Task Scheduler K Closest Points to Origin Minimum Cost to Connect Sticks IPO Sliding Window Median Merge k Sorted Lists

Backtracking: Subsets Combinations Combination Sum Permutations Palindrome Partitioning Word Search N-Queens Sudoku Solver

Graphs: Clone Graph Course Schedule Pacific Atlantic Water Flow Number of Islands Rotting Oranges Surrounded Regions Redundant Connection Find Center of Star Graph Reconstruct Itinerary Word Ladder

Advanced Graphs: Network Delay Time Minimum Height Trees Critical Connections in a Network

1D Dynamic Programming: Climbing Stairs House Robber House Robber II Longest Palindromic Substring Palindromic Substrings Decode Ways Maximum Product Subarray Word Break Longest Increasing Subsequence Partition Equal Subset Sum

2D Dynamic Programming: Unique Paths Longest Common Subsequence Best Time to Buy and Sell Stock with Cooldown Coin Change Target Sum Interleaving String

Greedy: Jump Game Jump Game II Gas Station Hand of Straights Merge Intervals Insert Interval Non-overlapping Intervals Meeting Rooms Meeting Rooms II

Intervals: Minimum Interval to Include Each Query Employee Free Time

Math & Geometry: Rotate Image Spiral Matrix Set Matrix Zeroes Happy Number Plus One Pow(x, n) Multiply Strings

Bit Manipulation: Single Number Number of 1 Bits Counting Bits Sum of Two Integers
Reverse Bits

Design: Min Stack LRU Cache Design Hit Counter Design Tic Tac Toe Encode and Decode
TinyURL Insert Delete GetRandom $O(1)$

Top K / Heap: Top K Frequent Elements Top K Frequent Words K Closest Points to Origin
Kth Largest Element in an Array