DSA Preparation Sheet by @hiten.codes

| Topic | Name | Link | Solved? |
|-------|------|------|---------|
| **_Array_** | Contains Duplicate | Link | No |
| | Valid Anagram | Link | No |
| | Two Sum | Link | No |
| | Group Anagrams | Link | No |
| | Top K Frequent Elements | Link | No |
| | Encode and Decode Strings | Link | No |
| | Product of Array Except Self | Link | No |
| | Valid Sudoku | Link | No |
| | Longest Consecutive Sequence | Link | No |
| | Valid Palindrome | Link | No |
| | Two Sum II Input Array Is Sorted | Link | No |
| | 3Sum | Link | No |
| | Container With Most Water | Link | No |
| | Trapping Rain Water | Link | No |
| | Best Time to Buy And Sell Stock | Link | No |
| | Longest Substring Without Repeating Characters | Link | No |
| | Longest Repeating Character Replacement | Link | No |
| | Permutation In String | Link | No |
| | Minimum Window Substring | Link | No |
| | Sliding Window Maximum | Link | No |
| | | | |
| **_Binary Search_** | Binary Search | Link | No |
| | Search a 2D Matrix | Link | No |
| | Koko Eating Bananas | Link | No |
| | Find Minimum In Rotated Sorted Array | Link | No |
| | Search In Rotated Sorted Array | Link | No |
| | Time Based Key Value Store | Link | No |
| | Median of Two Sorted Arrays | Link | No |
| | | | |
| **_Linked List_** | Reverse Linked List | Link | No |
| | Merge Two Sorted Lists | Link | No |
| | Reorder List | Link | No |
| | Remove Nth Node From End of List | Link | No |
| | Copy List With Random Pointer | Link | No |
| | Add Two Numbers | Link | No |
| | Linked List Cycle | Link | No |
| | Find The Duplicate Number | Link | No |
| | LRU Cache | Link | No |
| | Merge K Sorted Lists | Link | No |
| | Reverse Nodes In K Group | Link | No |

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|---|---|---|---|
| **_Trees_** | Invert Binary Tree | Link | No |
| | Maximum Depth of Binary Tree | Link | No |
| | Diameter of Binary Tree | Link | No |
| | Balanced Binary Tree | Link | No |
| | Same Tree | Link | No |
| | Subtree of Another Tree | Link | No |
| | Lowest Common Ancestor of a Binary Search Tree | Link | No |
| | Binary Tree Level Order Traversal | Link | No |
| | Binary Tree Right Side View | Link | No |
| | Count Good Nodes In Binary Tree | Link | No |
| | Validate Binary Search Tree | Link | No |
| | Kth Smallest Element In a Bst | Link | No |
| | Construct Binary Tree From Preorder And Inorder Trave | Link | No |
| | Binary Tree Maximum Path Sum | Link | No |
| | Serialize And Deserialize Binary Tree | Link | No |
| | | | |
| **_Backtracking_** | Subsets | Link | No |
| | Combination Sum | Link | No |
| | Permutations | Link | No |
| | Subsets II | Link | No |
| | Combination Sum II | Link | No |
| | Word Search | Link | No |
| | Palindrome Partitioning | Link | No |
| | Letter Combinations of a Phone Number | Link | No |
| | N Queens | Link | No |
| | | | |
| **_Dynamic Progr_** | Climbing Stairs | Link | No |
| | Min Cost Climbing Stairs | Link | No |
| | House Robber | Link | No |
| | House Robber II | Link | No |
| | Longest Palindromic Substring | Link | No |
| | Palindromic Substrings | Link | No |
| | Decode Ways | Link | No |
| | Coin Change | Link | No |
| | Maximum Product Subarray | Link | No |
| | Word Break | Link | No |
| | Longest Increasing Subsequence | Link | No |
| | Partition Equal Subset Sum | Link | No |
| | Unique Paths | Link | No |
| | Longest Common Subsequence | Link | No |
| | Best Time to Buy And Sell Stock With Cooldown | Link | No |
| | Coin Change II | Link | No |
| | Target Sum | Link | No |

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|---|---|---|---|
| | Interleaving String | Link | No |
| | Longest Increasing Path In a Matrix | Link | No |
| | Distinct Subsequences | Link | No |
| | Edit Distance | Link | No |
| | Burst Balloons | Link | No |
| | Regular Expression Matching | Link | No |
| | | | |
| **Stack** | Valid Parentheses | Link | No |
| | Min Stack | Link | No |
| | Evaluate Reverse Polish Notation | Link | No |
| | Generate Parentheses | Link | No |
| | Daily Temperatures | Link | No |
| | Car Fleet | Link | No |
| | Largest Rectangle In Histogram | Link | No |
| | | | |
| **Heap** | Kth Largest Element In a Stream | Link | No |
| | Last Stone Weight | Link | No |
| | K Closest Points to Origin | Link | No |
| | Kth Largest Element In An Array | Link | No |
| | Task Scheduler | Link | No |
| | Design Twitter | Link | No |
| | Find Median From Data Stream | Link | No |
| | | | |
| **Graphs** | Number of Islands | Link | No |
| | Max Area of Island | Link | No |
| | Clone Graph | Link | No |
| | Walls And Gates | Link | No |
| | Rotting Oranges | Link | No |
| | Pacific Atlantic Water Flow | Link | No |
| | Surrounded Regions | Link | No |
| | Course Schedule | Link | No |
| | Course Schedule II | Link | No |
| | Graph Valid Tree | Link | No |
| | Number of Connected Components In An Undirected G | Link | No |
| | Redundant Connection | Link | No |
| | Word Ladder | Link | No |
| | Reconstruct Itinerary | Link | No |
| | Min Cost to Connect All Points | Link | No |
| | Network Delay Time | Link | No |
| | Swim In Rising Water | Link | No |
| | Alien Dictionary | Link | No |
| | Cheapest Flights Within K Stops | Link | No |

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|---|---|---|---|
| ***Greedy Algorit*** Maximum Subarray | | Link | No |
| Jump Game | | Link | No |
| Jump Game II | | Link | No |
| Gas Station | | Link | No |
| Hand of Straights | | Link | No |
| Merge Triplets to Form Target Triplet | | Link | No |
| Partition Labels | | Link | No |
| Valid Parenthesis String | | Link | No |

Hint / Notes