

1. Arrays

Easy:

- Two Sum
- Best Time to Buy and Sell Stock
- Contains Duplicate
- Maximum Subarray
- Remove Duplicates from Sorted Array

Medium:

- Product of Array Except Self
 - Maximum Product Subarray
 - Find Minimum in Rotated Sorted Array
 - Search in Rotated Sorted Array
 - 3Sum
-

2. Strings

Easy:

- Valid Anagram
- Implement strStr()
- Longest Common Prefix
- Reverse String
- First Unique Character in a String

Medium:

- Longest Substring Without Repeating Characters
 - Longest Palindromic Substring
 - Group Anagrams
 - Longest Repeating Character Replacement
 - Minimum Window Substring
-

3. Stacks

Easy:

- Valid Parentheses
- Min Stack
- Implement Stack using Queues
- Baseball Game
- Remove Outermost Parentheses

Medium:

- Evaluate Reverse Polish Notation
 - Daily Temperatures
 - Next Greater Element II
 - Asteroid Collision
 - Simplify Path
-

4. Queues**Easy:**

- Implement Queue using Stacks
- Number of Recent Calls
- Moving Average from Data Stream
- Design Circular Queue
- Implement Stack using Queues

Medium:

- Perfect Squares
 - Open the Lock
 - Sliding Window Maximum
 - Design Snake Game
 - Shortest Path in Binary Matrix
-

5. Linked Lists**Easy:**

- Reverse Linked List
- Merge Two Sorted Lists
- Palindrome Linked List
- Delete Node in a Linked List
- Remove Linked List Elements

Medium:

- Add Two Numbers
 - Odd Even Linked List
 - Remove Nth Node From End of List
 - Reorder List
 - Swap Nodes in Pairs
-

6. Hash Tables

Easy:

- Two Sum
- Valid Anagram
- Intersection of Two Arrays
- Happy Number
- Contains Duplicate II

Medium:

- Subarray Sum Equals K
 - Top K Frequent Elements
 - Group Anagrams
 - Find Duplicate Subtrees
 - Longest Consecutive Sequence
-

7. Trees

Easy:

- Maximum Depth of Binary Tree
- Symmetric Tree
- Invert Binary Tree
- Path Sum
- Balanced Binary Tree

Medium:

- Binary Tree Inorder Traversal
- Binary Tree Level Order Traversal
- Construct Binary Tree from Preorder and Inorder Traversal
- Validate Binary Search Tree
- Kth Smallest Element in a BST

1. Heaps

Easy:

1. Kth Largest Element in a Stream
2. Last Stone Weight
3. Merge k Sorted Lists
4. Top K Frequent Elements
5. Find K Pairs with Smallest Sums

Medium:

1. Kth Largest Element in an Array
 2. Task Scheduler
 3. Re-organize String
 4. Find Median from Data Stream
 5. Sliding Window Maximum
-

2. Graphs

Easy:

1. Number of Islands
2. Flood Fill
3. Max Area of Island
4. Find the Town Judge
5. Graph Valid Tree

Medium:

1. Course Schedule
 2. Course Schedule II
 3. Clone Graph
 4. Pacific Atlantic Water Flow
 5. Word Ladder
-

3. Tries

Easy:

1. Implement Trie (Prefix Tree)
2. Replace Words
3. Add and Search Word - Data structure design
4. Longest Word in Dictionary
5. Design Add and Search Words Data Structure

Medium:

1. Word Search II
 2. Stream of Characters
 3. Search Suggestions System
 4. Palindrome Pairs
 5. Maximum XOR of Two Numbers in an Array
-

4. Disjoint Set Union (Union-Find)

Easy:

1. Number of Provinces
2. Redundant Connection
3. Graph Valid Tree
4. Number of Connected Components in an Undirected Graph
5. Accounts Merge

Medium:

1. Redundant Connection II
2. Satisfiability of Equality Equations
3. Largest Component Size by Common Factor
4. Similar String Groups
5. Number of Islands II