# DP & Backtracking (10 problems)

|  |  |
| --- | --- |
| Problem | Status |
| Coin Change |  |
| Climbing Stairs |  |
| Maximum Subarray |  |
| Counting Bits |  |
| Range Sum Query - Immutable |  |
| Subsets |  |
| Combinations |  |
| Permutations |  |
| Cheapest Flights Within K Stops |  |
| Minimum Absolute Difference |  |

# Stacks & Queues (10 problems)

|  |  |
| --- | --- |
| Problem | Status |
| Min Stack |  |
| Valid Parentheses |  |
| Evaluate Reverse Polish Notation |  |
| Stack Sorting |  |
| Implement Stack using Queues |  |
| Time Needed to Buy Tickets |  |
| Reverse the First K Elements of a Queue |  |
| Task Scheduler |  |
| Letter Case Permutation |  |
| Minimum Size Subarray Sum |  |

# Heaps & Bit Manipulation (8 problems)

|  |  |
| --- | --- |
| Problem | Status |
| Single Number (Bit Manipulation) |  |
| Kth Smallest Element in a BST |  |
| Kth Largest Element in an Array |  |
| K Closest Points to Origin |  |
| Top K Frequent Elements |  |
| Delete Node in a BST |  |
| Balance a Binary Search Tree |  |
| How Many Numbers Are Smaller Than the Current Number (Greedy) |  |

# Arrays & Strings (12 problems)

|  |  |
| --- | --- |
| Problem | Status |
| Contains Duplicate |  |
| Missing Number |  |
| Numbers Disappeared Array |  |
| Two Sum |  |
| How Many Numbers Are Smaller Than the Current Number |  |
| Minimum Time Visiting All Points |  |
| Spiral Matrix |  |
| Number of Islands |  |
| Best Time to Buy and Sell Stock |  |
| Squares of a Sorted Array |  |
| 3Sum |  |
| Longest Mountain in Array |  |

# Linked Lists (8 problems)

|  |  |
| --- | --- |
| Problem | Status |
| Middle of Linked List |  |
| Linked List Cycle |  |
| Reverse Linked List |  |
| Remove Linked List Elements |  |
| Reverse Linked List II |  |
| Palindrome Linked List |  |
| Merge Two Sorted Lists |  |
| Linked List Sorting |  |

# Trees & Graphs (18 problems)

|  |  |
| --- | --- |
| Problem | Status |
| Average of Levels |  |
| Minimum Depth |  |
| Min/Max Value |  |
| Level Order Traversal |  |
| Same Tree |  |
| Path Sum |  |
| Diameter of a Binary Tree |  |
| Invert Binary Tree |  |
| Lowest Common Ancestor |  |
| Binary Search Tree |  |
| Insert in Binary Search Tree |  |
| Convert Sorted Array to Binary Search Tree |  |
| Two Sum IV - Input is a BST |  |
| Lowest Common Ancestor |  |