Problems in Striver's SDE Sheet but not in LeetCode 150 or NeetCode 150

Arrays

- Pascal’s Triangle
- Next Permutation
- Sort an Array of 0’s, 1’s, and 2’s
- Repeat and Missing Number
- Reverse Pairs

Linked List

- Intersection Point of Y Linked List
- Check Palindrome Linked List
- Find Starting Point of Loop in Linked List
- Flattening of a Linked List

Greedy Algorithms

- (Various classic greedy problems, not explicitly listed in others)

Recursion and Backtracking (in addition to ones in NeetCode)

- K-th Permutation Sequence
- Sudoku Solver
- M Coloring Problem
- Rat in a Maze
- Word Break (print all ways)

Binary Search

- N-th Root of an Integer
- Matrix Median
- Find Element Appearing Once in Sorted Array
- Allocate Minimum Number of Pages
- Aggressive Cows

Heaps

- Max Heap and Min Heap Implementation
- Merge K Sorted Arrays
- K Most Frequent Elements

Stack and Queue (additional problems)

- Implement Stack/Queue Using Arrays and Queues
- Check for Balanced Parentheses (general)
- Next Greater/Smaller Element
- Sort a Stack
- LFU Cache
- Rotten Oranges Problem
- Stock Span Problem

Strings (more algorithmic/string processing problems)

- Implement ATOI/STRSTR
- Rabin-Karp Algorithm
- Z-Function
- KMP Algorithm (LPS array)
- Count and Say
- Compare Version Numbers

Binary Trees (advanced and detailed operations)

- Inorder/Preorder/Postorder Traversals (including Morris Traversals)
- Left, Bottom, Top Views of Binary Tree
- Vertical Order Traversal
- Root to Node Path
- Maximum Width of Binary Tree
- Check Children Sum Property
- BST operations including insert, delete, find, floor, ceil, etc.

Graphs (advanced topics)

- DFS, BFS implementations
- Cycle Detection in Directed/Undirected Graphs
- Topological Sort (BFS & DFS)
- Bipartite Check
- Strongly Connected Components
- Shortest Path Algorithms: Dijkstra, Bellman-Ford, Floyd Warshall
- Minimum Spanning Trees (Prim’s & Kruskal’s)
- Euler Path, Hamiltonian Path, Kosaraju’s, Tarjan’s, Bridges, Articulation Points

- Disjoint Set Union (Union-Find)

Dynamic Programming (advanced/problem variations)

- Matrix Chain Multiplication
- Rod Cutting
- Egg Dropping Puzzle
- Palindrome Partitioning (MCM Variation)
- Maximum Profit in Job Scheduling

Trie (beyond basic implementation)

- Longest Common Prefix of Strings (Trie approach)
- Word Break using Trie
- Phone Directory
- Maximum XOR Subarray
