30-Day DSA Challenge Plan

Day	Topic	Questions
Day 1	Arrays	Two Sum Best Time to Buy and Sell Stock Move Zeroes Remove Duplicates from Sorted Array
Day 2	Arrays	Maximum Subarray Merge Sorted Array 3Sum Container With Most Water
Day 3	Arrays	Rotate Array Majority Element Kadane's Algorithm Subarray Sum Equals K
Day 4	Strings	Valid Anagram Implement strStr() Longest Common Prefix
Day 5	Strings	Reverse String Valid Palindrome Longest Substring Without Repeating Characters
Day 6	Strings	Group Anagrams Longest Palindromic Substring Zigzag Conversion Multiply Strings Roman to Integer
Day 7	Hashing	Two Sum Subarray Sum Equals K
Day 8	Hashing	Longest Consecutive Sequence Top K Frequent Elements
Day 9	Hashing	Group Anagrams Isomorphic Strings
Day 10	Recursion + Backtracking	Subsets Permutations
Day 11	Recursion + Backtracking	Combination Sum N-Queens
Day 12	Recursion + Backtracking	Sudoku Solver Rat in a Maze
Day 13	Sliding Window & Two Pointers	Longest Substring Without Repeating Characters
Day 14	Sliding Window & Two Pointers	Minimum Size Subarray Sum
Day 15	Sliding Window & Two Pointers	Sliding Window Maximum Longest Repeating Character Replacement Fruit Into Baskets
Day 16	Linked Lists	Reverse Linked List Merge Two Sorted Lists

Day 17	Linked Lists	Linked List Cycle Remove Nth Node From End
Day 18	Linked Lists	Palindrome Linked List Intersection of Two Linked Lists
Day 19	Stacks & Queues	Valid Parentheses
Day 20	Stacks & Queues	Min Stack
Day 21	Stacks & Queues	Daily Temperatures Next Greater Element I Evaluate Reverse Polish Notation
Day 22	Trees (Binary + BST)	Binary Tree Inorder Traversal Maximum Depth of Binary Tree
Day 23	Trees (Binary + BST)	Diameter of Binary Tree Balanced Binary Tree
Day 24	Trees (Binary + BST)	Same Tree Lowest Common Ancestor of a BST
Day 25	Graphs (BFS/DFS)	Number of Islands
Day 26	Graphs (BFS/DFS)	Clone Graph
Day 27	Graphs (BFS/DFS)	Graph Valid Tree Course Schedule Rotting Oranges
Day 28	Greedy + Sorting + Bit Manipulation	Jump Game Merge Intervals
Day 29	Greedy + Sorting + Bit Manipulation	Insert Interval Maximum Subarray (Kadane)
Day 30	Greedy + Sorting + Bit Manipulation	Single Number Missing Number Majority Element Sort Colors