

2-Month DSA Study Plan

Week 1: Basics & Foundations

- Day 1-2: DSA Introduction, Analysis of Algorithms (Completed)
- Day 3-4: Mathematics (96% Completed) - Revise remaining parts & problems
- Day 5-6: Recursion (Completed) - Revise tough problems
- Day 7: Searching (Finish remaining 13%)

Week 2: Sorting & Hashing

- Day 8-9: Sorting (Finish remaining 31%)
- Day 10-11: Hashing (Finish remaining 24%)
- Day 12-14: String (96% Completed) - Finish remaining & revise

Week 3: Linked Lists & Stacks

- Day 15-16: Linked List (Finish remaining 71%)
- Day 17: Circular Linked List (Finish remaining 96%)
- Day 18-19: Doubly Linked List (Complete)
- Day 20-21: Stack (Finish remaining 80%)

Week 4: Queue, Deque, Tree & BST

- Day 22-23: Queue & Deque (Complete both)
- Day 24-25: Tree (Complete)
- Day 26-27: Binary Search Tree (Complete)
- Day 28: Heap (Finish remaining 75%)

Week 5: Advanced Data Structures

- Day 29-30: Bit Magic (Complete)
- Day 31: List & Recursion (Advanced)
- Day 32-33: Searching & Sorting (Advanced)
- Day 34-35: Matrix (Complete)

Week 6: Graphs & Trees (Advanced)

- Day 36-38: Graph (Complete)
- Day 39-40: Tree (Advanced)
- Day 41: Binary Search Tree (Advanced)
- Day 42: Heap (Advanced)

Week 7: DP, Greedy & Backtracking

- Day 43-45: Dynamic Programming (Complete)
- Day 46-47: Greedy (Complete)
- Day 48: Backtracking (Complete)

Week 8: Advanced Topics & Contests

- Day 49: Trie
- Day 50: Segment & Binary Indexed Trees
- Day 51: Disjoint Set
- Day 52-53: Final Revision
- Day 54-56: Solve 2-3 full-length mock tests

Tips for Success:

Daily Practice: Solve at least 5-10 problems each day.

Revision & Notes: Maintain short notes for key concepts.

Mock Contests: Practice weekly contests to simulate real coding interviews.

By following this schedule, you will complete DSA in 2 months with solid problem-solving skills.