

## DSA Java Week-by-Week Tracker

Week	Topics Covered	Done
Week 1	Intro to DSA, Time Complexity, Recursion, Math (GCD, Prime, Sieve)	
Week 2	Arrays Basics, Sliding Window, Kadane's Algorithm	
Week 3	Sorting (Bubble, Selection), Binary Search, 2D Arrays	
Week 4	Strings, Palindromes, Anagrams, StringBuilder	
Week 5	Advanced Recursion, Backtracking (N-Queens, Subsets)	
Week 6	HashMap, HashSet, 2 Sum, Group Anagrams	
Week 7	Stacks & Queues, Infix/Postfix, Deque	
Week 8	Linked Lists, Cycle Detection, Merge, Palindrome Check	
Week 9	Binary Trees, Traversals, Height, Level Order	
Week 10	BST Operations, LCA, Validate BST	
Week 11	Heaps, PriorityQueue, Heap Sort	
Week 12	Tries, Autocomplete, Word Search	
Week 13	Graphs: BFS, DFS, Cycle Detection	
Week 14	Topological Sort, Dijkstra, MST	
Week 15	DP Basics: Memoization, Knapsack, Subset Sum	
Week 16	DP Advanced: LCS, LIS, Matrix DP	
Week 17-20	Revision, Leetcode Practice, Mock Interviews	