Blind 75 Cheat Sheet - Data Structures & Hints

Category	Problem Name	Data Structure	Hint
Array / Hashing	Two Sum	HashMap	Store complement while iterating
Array / Hashing	Group Anagrams	HashMap + Sorting	Use sorted string as key
Array / Hashing	Top K Frequent Elements	HashMap + Heap	Count freq, use heap
Array / Hashing	Product of Array Except Self	Prefix/Postfix	Two-pass no division
Array / Hashing	Valid Anagram	HashMap / Array[26]	Compare character counts
Array / Hashing	Contains Duplicate	Set	Check while inserting
Array / Hashing	Encode and Decode Strings	String	Custom delimiter encoding
Array / Hashing	Longest Consecutive Sequence	Set	Check only starts of streaks
Two Pointers / Sliding Window	Best Time to Buy/Sell Stock	Two Pointers	Track min price
Two Pointers / Sliding Window	Valid Palindrome	Two Pointers	Skip non-alphanumeric
Two Pointers / Sliding Window	3Sum	Two Pointers + Sort	Fix one, move others inward
Two Pointers / Sliding Window	Container With Most Water	Two Pointers	Max area with shrinking window
Two Pointers / Sliding Window	Longest Substring Without Repeat	Sliding Window + Set	Expand/shrink window
Two Pointers / Sliding Window	Minimum Window Substring	Sliding Window + HashMap	Count chars needed
Stack	Valid Parentheses	Stack	Push on open, pop on close
Stack	Daily Temperatures	Stack (Monotonic)	Track indices
Stack	Generate Parentheses	Backtracking + Stack	Open/close balance
Stack	Car Fleet	Stack	Monotonic decreasing time
Stack	Evaluate Reverse Polish Notation	Stack	Push operands, eval on operator
Binary Search / Sorted	Binary Search	Binary Search	Classic mid-based search
Binary Search / Sorted	Search in Rotated Sorted Array	Binary Search	Adjust mid based on rotation
Binary Search / Sorted	Find Minimum in Rotated Array	Binary Search	Look at mid vs end
Binary Search / Sorted	Koko Eating Bananas	Binary Search + Math	Min rate to finish in time
Binary Search / Sorted	Median of Two Sorted Arrays	Binary Search + Partitioning	Divide arrays smartly
Linked List	Reverse Linked List	Pointers	Iterative or recursive
Linked List	Merge Two Sorted Lists	Linked List	Dummy head trick
Linked List	Reorder List	Linked List + Stack	Find mid, reverse second half
Linked List	Linked List Cycle	Two Pointers (Floyd)	Fast/slow pointer
Linked List	Intersection of Two LL	Length diff	Align heads, walk together
Linked List	Remove Nth Node From End	Two Pointers	Advance gap of n
Linked List	Copy List with Random Pointer	HashMap	Clone with mapping first
Tree / BST	Invert Binary Tree	DFS	Swap children
Tree / BST	Max Depth of Binary Tree	DFS/BFS	Recursively compute
Tree / BST	Diameter of Binary Tree	DFS	Longest path through node
Tree / BST	Balanced Binary Tree	DFS	Track height and balance
Tree / BST	Same Tree	DFS	Compare structure/values
Tree / BST	Subtree of Another Tree	DFS	Match from root or recurse
Tree / BST	Lowest Common Ancestor	DFS	Recursively check left/right
Tree / BST	Binary Tree Level Order Traversal	BFS	Queue-based level tracking
Tree / BST	Binary Tree Right Side View	BFS / DFS	Track last seen at level
Tree / BST	Construct BT from Preorder & Inorder	DFS + Indexing	Recursively build tree
Tree / BST	Validate BST	DFS + Bounds	Ensure all left < root < right
Tree / BST	Kth Smallest in BST	Inorder traversal	Stop at k-th element
Heap / Priority Queue	Merge K Sorted Lists	Min-Heap	Push head nodes

Heap / Priority Queue	Top K Frequent Elements	Heap	Max-heap by frequency
Heap / Priority Queue	Kth Largest in Array	Min-Heap of size k	Pop smallest
Trie	Implement Trie	Trie	Use TrieNode class
Trie	Word Search II	Trie + DFS	Prefix pruning
Graph	Number of Islands	DFS/BFS	Mark visited land
Graph	Clone Graph	BFS/DFS + Map	Track visited nodes
Graph	Pacific Atlantic Water Flow	Reverse DFS	Start from borders
Graph	Course Schedule	Topo Sort	Detect cycle
Graph	Graph Valid Tree	Union Find / DFS	Ensure acyclic and connected
Graph	Word Ladder	BFS	Transform one letter at a time
Dynamic Programming	House Robber	DP	Max of rob or skip
Dynamic Programming	Climbing Stairs	DP	Fib-style recurrence
Dynamic Programming	Coin Change	DP	Min coins for amount
Dynamic Programming	Longest Increasing Subsequence	DP + Binary Search	Patience sort
Dynamic Programming	Longest Palindromic Substring	DP / Expand Around Center	Center expansion
Dynamic Programming	Palindromic Substrings	DP	Count while expanding
Dynamic Programming	Decode Ways	DP	Count decodings at each index
Dynamic Programming	Unique Paths	DP	Grid traversal count
Dynamic Programming	Jump Game	Greedy / DP	Track furthest reachable
Dynamic Programming	Maximum Subarray	Kadane's Algorithm	Max sum subarray
Backtracking	Permutations	Backtracking	Track used elements
Backtracking	Subsets	Backtracking	Include/exclude each element
Backtracking	Word Search	Backtracking	Explore all paths
Backtracking	Combination Sum	Backtracking	Reuse elements
Backtracking	Sudoku Solver	Backtracking	Place & recurse
Backtracking	N-Queens	Backtracking + Constraints	Place queens row-by-row