Daily Pattern (Always Same)

Step	Time	What to do
Problem #1 (Easy)	20–25 min	Solve without hints
Problem #2 (Medium)	45 min	Try 15 min → then read only hints → solve
Problem #3 (Medium)	45 min	Read editorial → then code from scratch **without looking**

📅 Days 1–10: Confidence Rebuild (Arrays, Strings, HashMap, Two Pointers, Sliding Window, Binary Search)

Day 1

Easy: https://leetcode.com/problems/two-sum/
Medium: https://leetcode.com/problems/3sum/
Medium: https://leetcode.com/problems/container-with-most-water/

Day 2

Easy: https://leetcode.com/problems/majority-element/
Medium: https://leetcode.com/problems/fruit-into-baskets/
Medium: https://leetcode.com/problems/longest-substring-without-repeating-characters/

Day 3

Easy: https://leetcode.com/problems/move-zeroes/
Medium: https://leetcode.com/problems/subarray-sum-equals-k/
Medium: https://leetcode.com/problems/maximum-product-subarray/

Day 4

Easy: https://leetcode.com/problems/first-unique-character-in-a-string/
Medium: https://leetcode.com/problems/longest-repeating-character-replacement/
Medium: https://leetcode.com/problems/minimum-window-substring/

Day 5

Easy: https://leetcode.com/problems/best-time-to-buy-and-sell-stock/
Medium: https://leetcode.com/problems/best-time-to-buy-and-sell-stock-ii/
Medium: https://leetcode.com/problems/trapping-rain-water/

Day 6

Easy: https://leetcode.com/problems/intersection-of-two-arrays-ii/
Medium: https://leetcode.com/problems/group-anagrams/
Medium: https://leetcode.com/problems/top-k-frequent-elements/

Day 7

Easy: https://leetcode.com/problems/flood-fill/
Medium: https://leetcode.com/problems/rotate-image/
Medium: https://leetcode.com/problems/set-matrix-zeroes/

Day 8

Easy: https://leetcode.com/problems/valid-palindrome/
Medium: https://leetcode.com/problems/3sum-closest/
Medium: https://leetcode.com/problems/maximum-points-you-can-obtain-from-cards/

Day 9

Easy: https://leetcode.com/problems/peak-index-in-a-mountain-array/
Medium: https://leetcode.com/problems/find-first-and-last-position-of-element-in-sorted-array/
Medium: https://leetcode.com/problems/search-in-rotated-sorted-array/

Day 10 (Review Day)

Re-solve **any 6 problems from previous 9 days**
If you forget logic → great → re-learn → memory becomes permanent 🔥

📝 Daily Revision Trick (Important)

After solving problems, write **just 4–5 line notes**:

- Pattern used
- Key observation
- Time complexity
- One-line approach summary

These become your **interview weapon**.

🎯 After Day 10

We move to:
Linked List + Stack/Queue + Heap with again exact day-wise plan.

✅ Days 11–30: Linked List + Stack/Queue + Heap + Basics of Recursion

Goal: Learn all **core interview data structures**.

Daily Routine Stays the Same (2 Hours)

Time	Task
25 min	Learn / revise concept
85 min	Solve 3 problems using the same Easy → Medium → Medium strategy
10 min	Notes + revision

Day-wise Plan (Days 11–20): Linked List + Stack & Queue

Day	Topic	Problems (LeetCode)
11	Reverse Linked List	#206 Reverse Linked List, #92 Reverse II
12	Detect Cycle in LL	#141 Cycle, #142 Cycle II
13	Merge LL	#21 Merge Two Sorted Lists, #160 Intersection of LL
14	Remove nodes	#83 Remove Duplicates, #19 Remove Nth Node
15	LRU / Design	#146 LRU Cache (Just read + write)
16	Stack Basics	#20 Valid Parentheses, #155 Min Stack
17	Queue Basics	Implement Queue using Stack (#232)
18	Monotonic Stack	#739 Daily Temperatures, #503 Next Greater Element II
19	Sliding Window + Stack Mix	#32 Longest Valid Parentheses
20	**Weekly Review**	Re-solve any **6** past problems

Day-wise Plan (Days 21–30): Heaps + Recursion + Backtracking

Day	Topic	Problems
21	Min/Max Heap	#215 Kth Largest, #347 Top K Frequent
22	Heap + Sorting	#973 K Closest Points

23	Recursion Refresh	#70 Climbing Stairs, #509 Fibonacci
24	Backtracking Basics	#46 Permutations
25	Backtracking Patterns	#78 Subsets, #77 Combinations
26	Tough Backtracking	#17 Letter Combinations, #39 Combination Sum
27	Backtracking + Pruning	#40 Combination Sum II, #90 Subsets II
28	Mindset Practice	Re-solve 4 backtracking questions completely from scratch
29	Mix of LL + Stack + Recursion	Your choice of **any 6** problems from previous
30	**Review Day**	Re-solve **6** problems + revise notes

✅ Days 31–50: Trees + BST + Graphs

Goal: Develop problem-solving **strength**.

Day	Topic	Core Problems (LeetCode)
31	Tree Traversals	#144, #145, #94 (Pre, Post, In)
32	BFS on Trees	#102 Level Order Traversal
33	Depth Problems	#104 Max Depth, #110 Balanced BT
34	Diameter & Path	#543 Diameter, #124 Max Path Sum
35	BST Basics	#700 Search BST, #701 Insert BST
36	Lowest Common Ancestor	#236 LCA of Binary Tree
37	BFS on Graphs	#200 Number of Islands
38	Graph Traversals	#695 Max Area of Island
39	Topological Sort	#207 Course Schedule
40	Shortest Path	#743 Network Delay Time
41–45	Mixed Practice	Solve **8–10** Tree + Graph mediums

46–49	Re-solve weak problems	
50	**Evaluation Test**	Mock timed practice (I'll give you the test)

✅ Days 51–60: DP (Only the Patterns That Matter for Interviews)

Pattern	Problem Examples
Fibonacci / Memoization	#70 Climbing Stairs, #746 Min Cost Climbing Stairs
Knapsack Style	#198 House Robber, #213 House Robber II
Subsequence DP	#1143 LCS, #516 Longest Palindromic Subsequence
Grid DP	#62 Unique Paths, #64 Min Path Sum

Final Days:

- Re-solve your notebook problems
- Do **mock interviews + dry run coding**