25 Important Questions of DSA

Why waste hours grinding **500+** problems when **25** can cover it all? These **25 DSA questions capture almost every pattern** asked in interviews and yes, LeetCode backs this too.

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Arrays / Two Pointers / Hashing
1. 3Sum: https://leetcode.com/problems/3sum/description/
2. Container With Most Water:
https://leetcode.com/problems/container-with-most-water/description/
3. Longest Consecutive Sequence:
https://leetcode.com/problems/longest-consecutive-sequence/description/

Strings
4. Longest Substring Without Repeating Characters:
https://leetcode.com/problems/longest-substring-without-repeating-characters/description/
5. Minimum Window Substring
https://leetcode.com/problems/minimum-window-substring/description/

Dynamic Programming (DP)
6. Climbing Stairs: https://leetcode.com/problems/climbing-stairs/description/
7. House Robber: https://leetcode.com/problems/house-robber/description/
8. Longest Palindromic Substring
https://leetcode.com/problems/longest-palindromic-substring/description/
9. Coin Change: https://leetcode.com/problems/coin-change/description/
10. Partition Equal Subset Sum:
https://leetcode.com/problems/partition-equal-subset-sum/description/

Trees / Binary Trees / BST
11. Binary Tree Level Order Traversal:
https://leetcode.com/problems/binary-tree-level-order-traversal/description/
12. Diameter of Binary Tree:
https://leetcode.com/problems/diameter-of-binary-tree/description/

13. Lowest Common Ancestor of a BST:
https://leetcode.com/problems/lowest-common-ancestor-of-a-binary-search-tree/description/

Backtracking
14. Subsets: https://leetcode.com/problems/subsets/description/
15. Combination Sum: https://leetcode.com/problems/combination-sum/description/
16. Word Search: https://leetcode.com/problems/word-search/description/

Linked List
17. Reverse Linked List:
https://leetcode.com/problems/reverse-linked-list/description/
18. Linked List Cycle: https://leetcode.com/problems/linked-list-cycle/description/
19. Merge Two Sorted Lists?
https://leetcode.com/problems/merge-two-sorted-lists/description/

Stack
20. Valid Parentheses: https://leetcode.com/problems/valid-parentheses/description/
21. Daily Temperatures:
https://leetcode.com/problems/daily-temperatures/description/

Graphs / BFS / DFS / Union-Find
22. Number of Islands: https://leetcode.com/problems/number-of-islands/description/
23. Clone Graph: https://leetcode.com/problems/clone-graph/description/
24. Course Schedule: https://leetcode.com/problems/course-schedule/description/
25. Redundant Connection:
https://leetcode.com/problems/redundant-connection/description/