

# Top 20 Coding Problems Set

A structured coding problem set to prepare for product-based company interviews.  
~~Type: coding-problem~~ ~~Read time: 10 min~~ ~~Read Level: Intermediate~~ ~~Tags: DSA, LeetCode, Mock Prep~~

## Problem buckets

### Arrays and strings

- Two Sum
- Longest Substring Without Repeating Characters
- Product of Array Except Self

### Sliding window and pointers

- Best Time to Buy and Sell Stock
- Minimum Size Subarray Sum
- 3Sum

### Trees and graphs

- Binary Tree Level Order Traversal
- Lowest Common Ancestor of BST
- Number of Islands

### Dynamic programming

- Climbing Stairs
- House Robber
- Coin Change

## How to practice this set

1. Solve each problem in 35 to 45 minutes.
2. Write one brute force and one optimized solution.
3. Keep mistakes in a note file.
4. Revisit weak patterns every 3 days.

## Interview simulation checklist

- Explain approach before coding.
- State complexity without being asked.
- Test with edge cases.
- Refactor variable names for readability.