

# Structured LeetCode Prep - Full Index with Difficulty and Problem Number

## Arrays and Strings

- Two Sum
- Longest Substring Without Repeating Characters (#3, Medium)
- Container With Most Water (#11, Medium)
- Integer to Roman
- Roman to Integer
- Longest Common Prefix
- 3Sum (#15, Medium)
- 3Sum Closest
- 4Sum
- Substring with Concatenation of All Words
- Spiral Matrix
- Product of Array Except Self
- Missing Number
- Find All Numbers Disappeared in an Array
- Positions of Large Groups
- Unique Email Addresses (#929, Easy)

## Linked Lists

- Add Two Numbers (#2, Medium)
- Remove Nth Node From End of List (#19, Medium)
- Merge Two Sorted Lists (#21, Easy)
- Copy List with Random Pointer (#138, Medium)
- Linked List Cycle
- Reverse Linked List

## Trees and Graphs

- Validate Binary Search Tree
- Sum of Left Leaves
- Binary Tree Inorder Traversal
- Binary Tree Zigzag Level Order Traversal

## Heaps, Queues, Stacks

- Merge k Sorted Lists (#23, Hard)
- Simplify Path
- Basic Calculator
- Remove K Digits

## Sorting and Searching

- Median of Two Sorted Arrays (#4, Hard)
- Search Insert Position
- Merge Intervals (#56, Medium)

## Dynamic Programming

- Longest Palindromic Substring (#5, Medium)
- Maximum Subarray (#53, Medium)
- Best Time to Buy and Sell Stock (#121, Easy)
- Climbing Stairs
- Maximal Rectangle
- Maximum Product Subarray (#152, Medium)
- Regular Expression Matching
- Longest Increasing Subsequence
- Perfect Squares

## Design

- Min Stack (#155, Medium)
- LRU Cache (#146, Medium)

## Others

- Reverse Integer (#7, Medium)
- Tenth Line
- Add Digits
- Nth Digit
- Encode and Decode TinyURL
- Jewels and Stones (#771, Easy)
- Rectangle Overlap

## SQL

- Combine Two Tables
- Nth Highest Salary
- Department Top Three Salaries
- Big Countries