

# Final LeetCode Problem Set with Difficulty and Problem Numbers

## Arrays and Strings

- Two Sum
- Longest Substring Without Repeating Characters (#3, Medium)
- String to Integer (atoi)
- Integer to Roman
- Roman to Integer
- 3Sum (#15, Medium)
- 3Sum Closest
- 4Sum
- Group Anagrams
- Spiral Matrix
- Minimum Window Substring (#76, Hard)
- Valid Palindrome
- Majority Element II
- Product of Array Except Self
- Missing Number
- First Unique Character in a String
- Subarray Sum Equals K
- Squares of a Sorted Array
- Valid Parentheses (#20, Easy)
- Trapping Rain Water (#42, Hard)
- Sparse Matrix Multiplication

## Linked Lists

- Add Two Numbers (#2, Medium)
- Merge Two Sorted Lists (#21, Easy)
- Reverse Linked List

## Trees and Graphs

- Same Tree
- Maximum Depth of Binary Tree
- Clone Graph
- Number of Islands (#200, Medium)
- Lowest Common Ancestor of a Binary Tree
- Longest Increasing Path in a Matrix
- Diameter of Binary Tree (#543, Easy)

## Recursion

- Letter Combinations of a Phone Number
- Generate Parentheses (#22, Medium)
- Combination Sum
- Permutations
- Subsets
- Word Search

## Sorting and Searching

- Median of Two Sorted Arrays (#4, Hard)
- Search in Rotated Sorted Array
- Merge Intervals (#56, Medium)
- Sort Colors
- Valid Anagram (#242, Easy)
- Intersection of Two Arrays
- Intersection of Two Arrays II
- Top K Frequent Words
- K Closest Points to Origin (#973, Medium)

## Dynamic Programming

- Longest Palindromic Substring (#5, Medium)
- Regular Expression Matching
- Maximum Subarray (#53, Medium)
- Best Time to Buy and Sell Stock (#121, Easy)
- Word Break

## Design

- LRU Cache (#146, Medium)
- Min Stack (#155, Medium)
- Flatten Nested List Iterator
- Insert Delete GetRandom O(1) (#380, Medium)

## Others

- Reverse Integer (#7, Medium)
- Valid Sudoku
- Combine Two Tables
- Rank Scores
- Happy Number
- Fizz Buzz
- Jewels and Stones (#771, Easy)