

S.No	Topic	Problem Name	Description	Difficulty	Practice Link
1	String	Valid Anagram	Check if two strings are anagrams	Easy	LeetCode 242
2	Recursion	Fibonacci Number	Compute nth Fibonacci number	Easy	LeetCode 509
3	Array	Maximum Subarray (Kadane's)	Find contiguous subarray with max sum	Medium	LeetCode 53
4	Array	Rotate Array	Rotate an array by k steps	Medium	LeetCode 189
5	Array	Merge Intervals	Merge overlapping intervals	Medium	LeetCode 56
6	String	Longest Substring Without Repeating	Find max length substring without repeat chars	Medium	LeetCode 3
7	String	Group Anagrams	Group words that are anagrams	Medium	LeetCode 49
8	String	Longest Palindromic Substring	Find longest palindrome substring	Medium	LeetCode 5
9	Recursion	Pow(x, n)	Implement power function	Medium	LeetCode 50
10	Recursion	Subsets	Generate all subsets	Medium	LeetCode 78
11	Recursion	Permutations	Generate all permutations	Medium	LeetCode 46
12	Recursion	Word Search	Search word in 2D grid using recursion	Medium	LeetCode 79
13	Array	Trapping Rain Water	Max water trapped between bars	Hard	LeetCode 42
14	String	Regular Expression Matching	Implement regex matching	Hard	LeetCode 10