

## Technical Test

### Q1. Reverse Words in a String

Given a sentence, reverse the order of words without reversing the characters in each word.

Input:

"I love programming"

Output:

"programming love I"

### Q2. Find the Missing Number

You are given an array of integers from 1 to N with one number missing. Find the missing number.

Input:

[1, 2, 4, 5, 6]

Output:

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## Technical Test

**Q3. Check for Palindrome Number**

Write a function to check if a number is a palindrome (reads the same forwards and backwards).

**Input:**

121 → Palindrome

123 → Not Palindrome

**Q4. First Non-Repeating Character**

Given a string, find the first non-repeating character.

**Input:**

"swiss"

**Output:**

"w"

## Technical Test

### Q5. Two Sum Problem

Given an array of numbers and a target, return the indices of the two numbers that add up to the target.

Input:

nums = [2, 7, 11, 15], target = 9

Output:

[0, 1] (since nums[0] + nums[1] = 9)

### Q6. Count Occurrences of Each Character

Write a function that counts the frequency of each character in a string.

Input:

"hello"

Output:

h:1, e:1, l:2, o:1

## Technical Test

Q7. Fibonacci Series (Nth Term)

Write a program to print the Nth Fibonacci number.

Input:

N = 7

Output:

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