**Instructions for Addition and Subtraction Code Implementation**

**Objective**

Your task is to complete a C program that takes **two integer inputs** from the user, performs **addition and subtraction**, and displays the results. Follow the given hints to complete the missing parts.

**Starter Code**

Fill in the missing parts of the program based on the provided hints.

**Hints for Completing the Program**

✅ **Define the Addition and Subtraction Functions:**

* add(int a, int b): This function should return the sum of a and b.
* subtract(int a, int b): This function should return the difference between a and b.

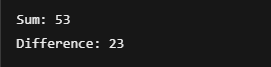
✅ **Declare Variables in main():**

* You need **two integer variables** to store user input.



✅ **Take User Input:**

* Use scanf() to read two integers from the user.
* Example format:



✅ **Call the Functions and Store the Results:**

* Pass the user inputs to add() and subtract().

**Sample Input & Output**

**User Input:**

30 23

**Expected Output:**

Sum: 53

Difference: 7

**Checking Your Code Before Submission**

Once you complete your program, use Check50 to validate it:

**check50 mmanrus/checker/main/c/easy/addition\_subtraction**

If any tests fail, read the feedback carefully, fix your code, and run Check50 again.

**Good luck!**