Sum and Difference of Two Numbers



Objective

The fundamental data types in c are int, float and char. Today, we're discussing int and float data types.

The printf() function prints the given statement to the console. The syntax is printf("format string",argument_list);. In the function, if we are using an integer, character, string or float as argument, then in the format string we have to write %d (integer), %c (character), %s (string), %f (float) respectively.

The scanf() function reads the input data from the console. The syntax is scanf("format string",argument_list);. For ex: The scanf("%d",&number) statement reads integer number from the console and stores the given value in variable *number*.

To input two integers separated by a space on a single line, the command is scanf("%d %d", &n, &m), where n and m are the two integers.

Task

Your task is to take two numbers of int data type, two numbers of float data type as input and output their sum:

- 1. Declare 4 variables: two of type int and two of type float.
- 2. Read **2** lines of input from stdin (according to the sequence given in the 'Input Format' section below) and initialize your **4** variables.
- 3. Use the + and operator to perform the following operations:
 - Print the sum and difference of two int variable on a new line.
 - Print the sum and difference of two float variable to a scale of one decimal place on a new line.

Input Format

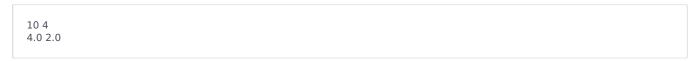
The first line contains two integers.

The second line contains two floating point numbers.

Output Format

Print the sum and difference of both integers separated by a space on the first line, and the sum and difference of both float (scaled to $\bf 1$ decimal place) separated by a space on the second line.

Sample Input



Sample Output



Explanation

When we sum the integers 10 and 4, we get the integer 14. When we subtract the second number 4 from the first number 10, we get 6 as their difference.

When we sum the floating-point numbers 4.0 and 2.0, we get 6.0. When we subtract the second number

 $\boldsymbol{2.0}$ from the first number $\boldsymbol{4.0},$ we get $\boldsymbol{2.0}$ as their difference.