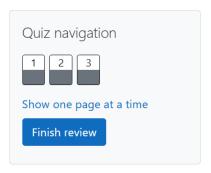
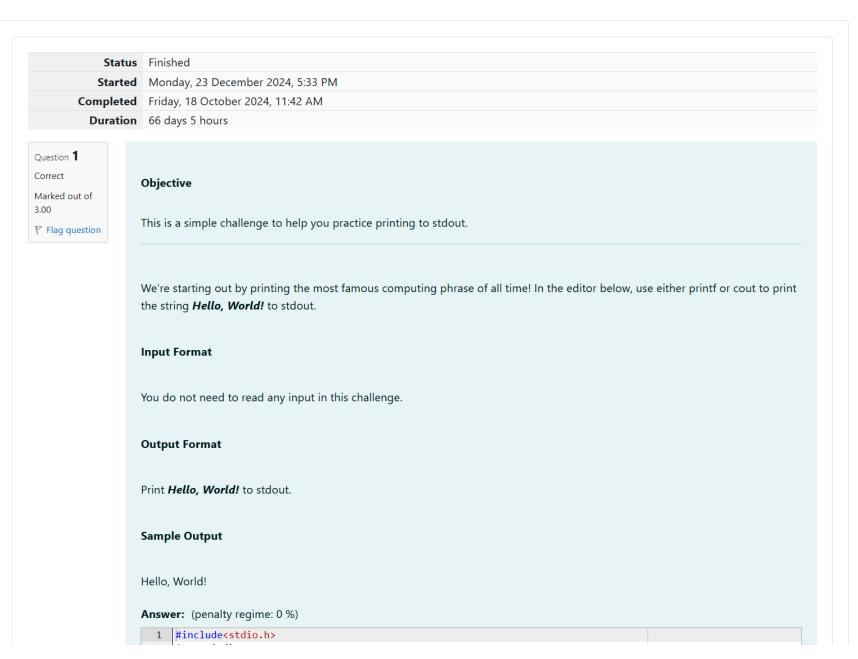
GE23131-Programming Using C-2024





```
int main()
{
   printf("Hello, World!");
}
```

		Expected	Got	
	~	Hello, World!	Hello, World!	~
P	asse	d all tests! 🗸		

Question **2**Correct
Marked out of 5.00

F Flag question

Objective

This challenge will help you to learn how to take a character, a string and a sentence as input in C.

To take a single character *ch* as input, you can use scanf("%c", &ch); and printf("%c", ch) writes a character specified by the argument char to stdout:

```
char ch;
scanf("%c", &ch);
printf("%c", ch);
```

This piece of code prints the character *ch*.

Task

You have to print the character, *ch*.

Input Format

Take a character, **ch** as input.

Output Format

Print the character, *ch*.

Answer: (penalty regime: 0 %)



Question **3**Correct
Marked out of 7.00

Flag question

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 \mathbf{n} and \mathbf{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:
- o Print the sum and difference of two int variable on a new line.
- o Print the sum and difference of two float variable rounded to one decimal place on a new line.

Input Format

The first line contains two integers.

The second line contains two floating point numbers. Constraints 1 ≤ integer variables ≤ 10⁴ 1 ≤ float variables ≤ 10⁴ **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 1 decimal place) separated by a space on the second line. Sample Input 104 4.0 2.0 **Sample Output** 146 6.0 2.0 **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 2.0 from the first number 4.0, we get 2.0 as their difference.

Answer: (penalty regime: 0 %)

```
#include<stdio.h>
int main()

{
    int a,b;
    float c,d;
    scanf("%f%f", &a,&b);
    scanf("%f%f", &c,&d);
    printf("%d %d\n", a+b,a-b);
    printf("%.lf %.lf ", c+d, c-d);
}

}
```

	Input	Expected	Got	
~	10 4 4.0 2.0	14 6 6.0 2.0	14 6 6.0 2.0	~
~		28 12 12.0 4.0	28 12 12.0 4.0	~

Passed all tests! ✓

Finish review