Week 1-01

Status	Finished
Started	Monday, 23 December 2024, 5:33 PM
Completed	Saturday, 21 December 2024, 11:42 AM
Duration	2 days 5 hours

Question **1**

Correct

Marked out of 3.00

Flag question

Objective

This is a simple challenge to help you practice printing to stdout.

We're starting out by printing the most famous computing phrase of all time! In the editor below, use either printf or cout to print the string ***Hello, World!*** to stdout.

Input Format

You do not need to read any input in this challenge.

Output Format

Print ***Hello, World!*** to stdout.

Sample Output

Hello, World!

Answer: (penalty regime: 0 %)

```c
#include<stdio.h>
int main()
{
    printf("Hello, World!");
}
```

	Expected	Got	
✓	Hello, World!	Hello, World!	✓

Passed all tests! ✓

Question 2
Correct
Marked out of 5.00
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 %)

```
#include <stdio.h>
int main()
{
    char ch;
    scanf("%c",&ch);
    printf("%c",ch);
}
```

	Input	Expected	Got	
✓	c	c	c	✓

Passed all tests! ✓

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

10 4
4.0 2.0

Sample Output

14 6
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 %)

```c
#include<stdio.h>
int main()
{
    int a,b;
    float c,d;
    scanf ("%d %d",&a,&b);
    scanf("%f %f",&c,&d);
    printf("%d %d\n",a+b,a-b);
    printf("%.1f %.1f",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	✓
✓	20 8 8.0 4.0	28 12 12.0 4.0	28 12 12.0 4.0	✓

Passed all tests! ✓