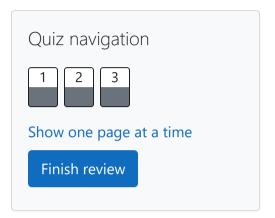
## GE23131-Programming Using C-2024



Status Finished  Started Monday, 23 December 2024, 5:33 PM  Completed Friday, 25 October 2024, 12:16 PM			
	Status	Finished	
Completed Friday, 25 October 2024, 12:16 PM	Started	Monday, 23 December 2024, 5:33 PM	
	Completed	Friday, 25 October 2024, 12:16 PM	
<b>Duration</b> 59 days 5 hours	Duration	59 days 5 hours	

Ouestion **1** 

Correct

Marked out of 3.00

▼ Flag question

Many people think about their height in feet and inches, even in some countries that primarily use the metric system. Write a program that reads a number of feet from the user, followed by a number of inches. Once these values are read, your program should compute and display the equivalent number of centimeters.

Hint:

One foot is 12 inches.

One inch is 2.54 centimeters.

Input Format

First line, read the number of feet.

Second line, read the number of inches.

**Output Format** 

In one line print the height in centimeters.

Note: All of the values should be displayed using two decimal places.

Sample Input 1

5 6

Sample Output 1

## **Answer:** (penalty regime: 0 %)

```
1 #include<stdio.h>
2 v int main(){
3
       int foot,inch;
       scanf("%d%d",&foot,&inch);
4
       printf("%2f",(foot*12*2.54)+(inch*2.54));
       return 0;
6
7 }
```

	Input	Expected	Got	
<b>~</b>	5 6	167.64	167.640000	~

Passed all tests! <

Question **2** 

Correct

Create a program that reads two integers, a and b, from the user. Your program should compute and display: • The sum of a and b • The difference when b is subtracted from

rag question

Input Format

First line, read the first number.

Second line, read the second number.

**Output Format** 

First line, print the sum of a and b

Second line, print the difference when b is subtracted from a

Third line, print the product of a and b

Fourth line, print the quotient when a is divided by b

Fifth line, print the remainder when a is divided by b

Sample

Input 1 100 6

Sample Output

106 94 600 16 4

**Answer:** (penalty regime: 0 %)

```
#include<stdio.h>
2 * int main(){
    int a,b;
    scanf("%d%d",&a,&b);
    printf("%d\n%d\n%d\n%d\n%d",a+b,a-b,a*b,a/b,a%b);
    return 0;
}
```

Input	Expected	Got	
100 6	106 94 600 16	106 94 600 16	<b>~</b>
	100	100 106 6 94 600	6 94 94 600 600 16 16

Passed all tests! <

Question  $\bf 3$ 

Correct

Marked out of 7.00

Flag question

A bakery sells loaves of bread for \$3.49 each. Day old bread is discounted by 60 percent. Write a program that begins by reading the number of loaves of day old bread being purchased from the user. Then your program should display the regular price for the bread, the discount because it is a day old, and the total price. Each of these amounts should be displayed on its own line with an appropriate label. All of the values should be displayed using two decimal places.

Input Format

Read the number of day old loaves.

**Output Format** 

First line, print Regular price: price

Second line, print Discount: discount

Third line, print Total: total

Note: All of the values should be displayed using two decimal places.

Sample Input 1

Regular price: 34.90

Discount: 20.94

Total: 13.96

**Answer:** (penalty regime: 0 %)

```
1 #include<stdio.h>
2 v int main(){
3
       int n;
       scanf("%d",&n);
4
       printf("Regular price: %.2f\n",n*3.49);
5
       printf("Discount: %.2f\n",(n*3.49*60)/100);
6
7
       printf("Total: %.2f\n",(n*3.49)-(n*3.49*60)/100);
       return 0;
8
9
```

	Input	Expected	Got	
~	10	Regular price: 34.90	Regular price: 34.90	~
		Discount: 20.94	Discount: 20.94	
		Total: 13.96	Total: 13.96	

Finish review