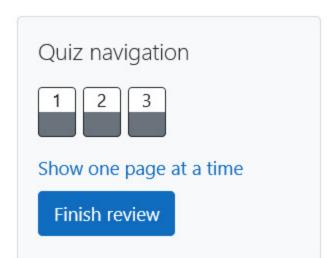
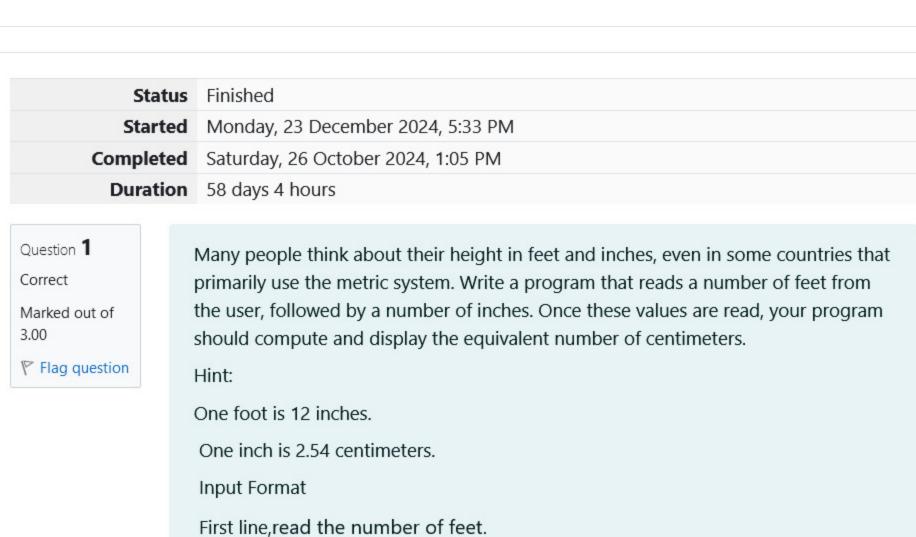
## GE23131-Programming Using C-2024





Second line, read the number of inches.

In one line print the height in centimeters.

**Output Format** 



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



Question 2 Correct Marked out of 5.00 Flag question

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 a • The product of a and b • The quotient when a is divided by b • The remainder when a is divided by b

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

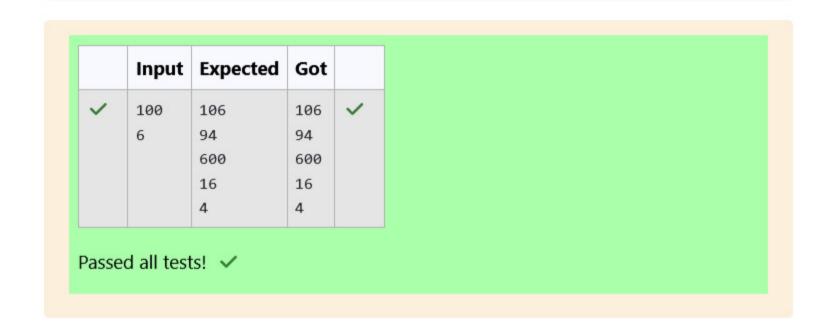
Sample Input 1 100 6

Sample Output

106 94 600 16 4

**Answer:** (penalty regime: 0 %) #include<stdio.h>

```
int main(){
2
3
        int first_num, second_num;
        scanf("%d\n%d",&first_num,&second_num);
4
        int sum = first num + second num;
        int diff = first_num - second_num;
        int product = first_num * second_num;
7
        int quotient = first num / second num;
8
        int remainder = first_num%second_num;
9
        printf("%d\n",sum);
10
        printf("%d\n",diff);
11
        printf("%d\n",product);
12
        printf("%d\n",quotient);
13
        printf("%d",remainder);
14
15
        return 0;
16
```



Question 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

10

Sample Output 1 Regular price: 34.90

Discount: 20.94

Total: 13.96

Answer: (penalty regime: 0 %) #include<stdio.h>

```
int main(){
2
        int num;
3
        scanf("%d",&num);
        float r p = 34.90;
5
        float r p 2 = r p*num/10;
6
        float discount = (r_p_2*60/100);
7
        float total = r_p_2 - discount;
8
        printf("Regular price: %.2f\n",r_p_2);
        printf("Discount: %.2f\n", discount);
10
        printf("Total: %.2f",total);
11
12
        return 0;
13
```

		55.		
~	10	Regular price: 34.90 Discount: 20.94 Total: 13.96	Regular price: 34.90 Discount: 20.94 Total: 13.96	~
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