

<b>Status</b>	Finished
<b>Started</b>	Monday, 20 October 2025, 12:16 PM
<b>Completed</b>	Monday, 20 October 2025, 1:23 PM
<b>Duration</b>	1 hour 6 mins

**Question 1**

Correct

Many people think about their height in feet and inches, even in some countries that primarily use the metric system. Ask the user for the number of feet from the user, followed by a number of inches. Once these values are read, your program should calculate and print the height in 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**

167.64

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

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b;
5     float c,e,g;
6     scanf("%d",&a);
7     scanf("%d",&b);
8     c=a*12*2.54;
9     e=b*2.54;
10    g=c+e;
11    printf("%.2f",g);
12    return 0;
13 }
```

	Input	Expected	Got	
✓	5	167.64	167.64	✓
	6			

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:  
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 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b;
5     scanf("%d",&a);
6     scanf("%d",&b);
7     printf("%d\n", a+b);
8     printf("%d\n", a-b);
9     printf("%d\n", a*b);
10    printf("%d\n", a/b);
11    printf("%d\n", a%b);
12    return 0;
13 }
```

	<b>Input</b>	<b>Expected</b>	<b>Got</b>	
1	100	106	106	1
	6	94	94	
		600	600	
		16	16	
		4	4	

Passed all tests! 1

## Question 3

Correct

A bakery sells loaves of bread for \$3.49 each. Day old bread is discounted by 60 percent. Write a program that reads the number of day old bread being purchased from the user. Then your program should display the regular price for the bread, the discount amount, and the total price. Each of these amounts should be displayed on its own line with an appropriate label. All output 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 %)

```
1 #include<stdio.h>
2 int main()
3 {
4     int n;
5     float a,b,c;
6     scanf("%d", &n);
7     a=n*3.49;
8     b=a*0.6;
9     c=a-b;
10    printf("Regular price: %.2f\n", a);
11    printf("Discount: %.2f\n", b);
12    printf("Total: %.2f", c);
13 }
14 }
```

	Input	Expected	Got	
<input checked="" type="checkbox"/>	10	Regular price: 34.90 Discount: 20.94 Total: 13.96	Regular price: 34.90 Discount: 20.94 Total: 13.96	<input checked="" type="checkbox"/>

Passed all tests!