

Question 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.

Answer: (penalty regime: 0 %)

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

	Input	Expected	Got	
✓	5 6	167.64	167.64	✓

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

Answer: (penalty regime: 0 %)

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

	Input	Expected	Got	
✓	100	106	106	✓
	6	94	94	
		600	600	
		16	16	
		4	4	

Passed all tests! ✓

Question 3

Not answered

Marked out of
7.00

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.

Answer: (penalty regime: 0 %)

```
1 #include <stdio.h>
2 int main()
3 {
4     int a;
5     float pr,dis,total;
6     scanf("%d",&a);
7     pr=a*3.49;
8     dis=pr*0.6;
9     total =pr-dis;
10    printf("Regular price: %.2f",pr);
11    printf("Discount: %.2f",dis);
12    printf("Total: %.2f",total);
13    return 0;
14 }
```

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

Some hidden test cases failed, too.

Your code must pass all tests to earn any marks. Try again.

Show differences