CS103 Homework 1

1. Write an application that will add three integers. First prompt the user to enter these numbers and then add them together.

EXAMPLE OUTPUT:
X=31  Y=5  Z=12  Result =31+5+12=48

2. Allow users to enter values for integers a and b, and then calculate \( y = 2a + b \).

EXAMPLE OUTPUT:
a=3  b=8  \( y=2*3+8 \)  =14

3. Write an application that inputs three integers from the user and displays the sum, average and product.

EXAMPLE OUTPUT:
X=3  Y=4  Z=6
Sum= 13, Average=4, Product=72.

4. The total price of a product is the price of the product plus the sales tax. Suppose the sales tax is 6% . Write a program that reads the price of the product and displays the total cost of the product.

EXAMPLE OUTPUT:
Input=20      Output=21.2

5. Write a program that inputs a character from the keyboard and then outputs a large block letter “C” composed of that character. For example, if the user inputs the character “X,” then the output should look as follows:

EXAMPLE OUTPUT:
Please enter the letter: X

X X X
X
X
X
X
X
X
X
X
X X
X X X