

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

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      X X X
     X     X
    X
   X
  X
 X
X
 X     X
  X X X
```