Assignment-1

Problem 1. Write a program that accepts a sentence and calculate the number of letters and digits.

Suppose the following input is supplied to the program:

hello world! 123

Then, the output should be:

LETTERS 10

DIGITS 3

Problem 2. A company decided to give bonus of 5% to employee if his/her year of service is more than 5 years. Ask user for their salary and year of service and print the net bonus amount.

Problem 3. A student will not be allowed to sit in exam if his/her attendance is less than 75%.
Take following input from user
Number of classes held
Number of classes attended.
And print
percentage of class attended
Is student is allowed to sit in exam or not.

Problem 4. Write a program to calculate the sum of numbers until the user enters a zero.

Problem 5. Write a program to print following pattern.

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1 2

1 2 3

1 2 3 4

1 2 3 4 5