Lab 2

1- Write a function to count the number of vowels in a given string.

2- Write a function to capitalize the first letter of each word in a given sentence.

3- Write a Python function to sum all the numbers in a list using for loop not sum() function

4- Write a Python function that accepts a string and counts the number of upper and lower case letters.

    Sample String : 'The quick Brow Fox'

    Expected Output :

    No. of Upper case characters : 3

    No. of Lower case Characters : 12

5- Create Class have all above functions inside class as methods then print info in main function separately as menu choices if press 1 have task 1 applied elif press 2 task 2 is applied and so on in 3 and 4.

6- Create a Rectangle class with attributes "length" and "width". Implement methods to calculate the area and perimeter of the rectangle.