

1. Core Python Exercises

Module 6: Function

1. Write a Python function to find the Odd Even Number
 - a. It take one argument and return the argument number is odd or Even
2. Write a Python function is_even
 - a. It take one argument and return True or False
3. Write a python function is_Odd
 - a. It take one argument and return True or False
4. Write a python Function and check palindrome string or not
 - a. It take one argument string and return string is palindrome or not
5. Write a Python function reverse string
 - a. It take one argument string and return reverse string
6. Write python Function to find the length of string
 - a. It can take one argument string and return count of char in string

note:Not using built-in len()
7. . Write a Python function to calculate the factorial of a number (a non-negative integer). The function accepts the number as an argument.
 - a. It take one number argument and return of factorial
 - b. If a negative number is received then return an Error message
8. Write a Python function that accepts a string and counts the number of upper and lower case letters.
 - a. Sample String : 'The quick Brow Fox' Expected Output :
 - b. No. of Uppercase characters : 3
 - c. No. of Lower case Characters : 12
9. Write a Python function that returns whether the number is prime or not.
10. Write a Python function that accepts number and return it total.
 - a. Like input is 1286 and function return 17
 - b. Like $1+2+8+6=17$