Assignment - 06 -191109010

Question No.01

Write a Python function to find the Max of three numbers?

```
In [33]: def maxi(x,y,z):
             return(max(x,y,z))
         x = int(input("Enter first number :"))
         y = int(input("Enter second number :"))
         z = int(input("Enter third number :"))
         print("Maximum is ", maxi(x,y,z))
```

```
Enter first number :564654
Enter second number :65416
Enter third number :656314
Maximum is   656314
```

Question No.02

Write a Python function program to reverse a string?

```
In [26]: def revr(r):
             return r[::-1]
         r = input("Enter a Word : ")
         print("Reversed : ",revr(r))
```

```
Enter a Word : Ganesh Babu
Reversed :   ubaB hsenaG
```

Question No.03

Write a Python function that accepts a string and calculate the number of upper case letters and lower case letters?

```
In [30]: def count():
             return(abc)
         ucase = 0
         lcase = 0
         abc = input("Enter a Sentence : ")
         for i in abc:
             if(i.isupper()):
                 ucase += 1
             else:
                 lcase += 1
         print("Number of Upper cases in the given sentence : ", ucase)
         print("Number of Lower cases in the given sentence : ", lcase)
```

```
Enter a Sentence : tHeBeaTiFulDucK
Number of Upper cases in the given sentence :  6
Number of Lower cases in the given sentence :  9
```

Question No.04

Write a Python function that takes a list and returns a new list with unique elements of the first list?

```
In [23]: def list1(list2):
             c=[]
             for xyz in list2:
                 if xyz not in c:
                     c.append(xyz)
             return c
         print("New list of Unique elements in first list : ",list1([1,2,2,2,3,3,3,4,4,5,6,99]))
```

```
New list of Unique elements in first list :  [1, 2, 3, 4, 5, 6, 99]
```

Question No.05

Write a Python function that checks whether a passed string is palindrome or not.

```
In [19]: def palindrome():
             return w
         w = "MALAYALAM"
         r = w[::-1]
         if w==r:
             print(palindrome(),"is a palindrome.")
         else:
             print(palindrome(),"is not a palindrome.")
```

```
MALAYALAM is a palindrome.
```