**Python Practicle Assignment – 1**

**Issue Date : 18/01/2019**

1. Check the user define number is even or odd and also check whether the number is prime or not.
2. Check whether the number is Armstrong or not.
3. Program of Reversing the string and integer.
4. Write a script which will find all such numbers which are divisible by 7 but are not the multiple of 5. The number should be between 2000 & 3200 both inclusive.
5. Write a python script that will return true if the 2 given integer values are equal or there sum or difference is 5.
6. Check whether the number is palindrome or not.
7. Check whether the user define year is leap year or not.
8. Display tables of a user define number.
9. Solve Quadratic equation = (a+b)^2.
10. Program to remove duplicates from list.
11. Write a python script for calculating a factorial(with & without recursion) of given number & its fibonacci series using function def.
12. Write a function in python which will test for validity of an identifier i.e. the first symbol of the identifier should be an alphabet & remaining symbol should be alphanumeric.
13. Count the number of characters repeated in the string.