**Assignment Questions**

**module 3 (chapter 1)**

1. Convert Binary number to decimal

Ex: 1 0 0 1 0 =1 x 2 5 + 0 x 2 4 + 0 x 2 3 + 1 x 2 2 + 0 x 2 1

2. Generate first N number of Fibonacci numbers. Take N value from user

3. Display multiplication table of K. Take k value from user

Ex: 7 x 1 =7

7 x 2 = 14 .....

4. Take 10 integers from keyboard using loop and print their average value on the screen Print the following patterns using loop :

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5. Write a program to find greatest common divisor (GCD) or highest common factor (HCF) of given two numbers.

6. Write a Python program that accepts a word from the user and reverse it

7. Write a Python program to count the number of even and odd numbers from a series of numbers.

8. Write a Python program that prints all the numbers from 0 to 6 except 3 and 6.

**module 3 (chapter 2)**

1. Write a Python program to calculate the length of a string.
2. Write a Python program to count the number of characters (character frequency) in a string.
3. Write a Python program to get a single string from two given strings, separated by a space and swap the first two characters of each string
4. Write a Python script that takes input from the user and displays that input back in upper and lower cases
5. Write a Python program to remove a newline in Python.
6. Write a Python program to count occurrences of a substring in a string.
7. Write a Python program to convert a string in a list.
8. Write a Python program to perform Deletion of a character
9. Write a program to print every character of a string entered by user in a new line using loop.
10. Write a program to find the length of the string "refrigerator" without using len function.