**FYBCA**

**SEMESTER – I**

**BCA1111C03 : Introduction to Programming using Python**

**Date: 7/9/2022**

**Instructions:**

         Properly name your variables.

         Use comments wherever required

         Write problem objective with the necessary details in the beginning of each program.

**Assignment-2**

1. Write a program to swap two numbers.
2. Write a program to calculate simple interest.
3. Write a program to take two numbers from the user, print the sum.
4. Write a program to find whether a number is even or odd.
5. Write a program print 100 blank lines on your screen.[Use Escape Character and Repetition Operator]
6. Write a program to enter your name and display your name n no of times.
7. Write a program that prompts the user to enter the first name. Then display the following message.

Hello firstname

Welcome to Python

1. Write a Python program to print the following string in a specific format **(see the output)**  
   *Sample String :* "Twinkle, twinkle, little star, How I wonder what you are! Up above the world so high, like a diamond in the sky. Twinkle, twinkle, little star, How I wonder what you are".[Use Escape Character \n and \t]

*Output:*

Twinkle, twinkle, little star,

                  How I wonder what you are!

                                     Up above the world so high,

                                     Like a diamond in the sky.

Twinkle, twinkle, little star,

                  How I wonder what you are

1. Write a Program to find compound interest.[CI=A-P,A=P(1+R/100)^n ]