**FYBCA**

**SEMESTER – I**

**BCA1111C03: Introduction to Programming using Python**

**Date: 28/09/2022**

**Instructions:**

         Properly name your variables.

         Use comments wherever required

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

1. Write a program to find sum of odd numbers between 1-100.
2. Write a program to print table of n.
3. Write a program to print a table of n till m times.
4. Write a program that prompts user to enter a number.If the number is equal to 99,print “Congratulations”.If the number is less than 99, print – “Enter again and aim higher – else print “Enter again a lower number” The program should run until the user guesses the correct number that is 99
5. Write a program that determines whether a digit,uppercase,or a lowercase character was entered.
6. Write a program to demonstrate the use of Nested if structure.
7. Write a program to sum the series 12/1 +22/2 + 32/3 + …… + n2/n.
8. Write a program to read an angle from the user and then display its quadrant.
9. Write a program that prints a number,its square and its cube repeatedly in the range(1,n)
10. Write a program that displays all leap years from 1900-2101.