Data Science Lab (CS 356)

Assignment 1

Date: 10.01.2022   **Due date to submit : 17.01.2022**

Instructions to submit the lab assignment

a. *Add proper comment lines for each important step of the code.*
b. *For each code of the assignment, take the screenshot of the code as well as the output and paste it in word file and compile it to a pdf format.*
c. *All the codes should be in same file.*
d. *Name each file as rollnumber_assignmentnumber.pdf.*
e. *Upload the pdf file in google classroom.*

---

1. Write a python program to define an integer value and print the values.
2. Write a python program to find addition of two integer numbers taken as input from the user.
3. Write a python program to check the given year is a leap year or not.
4. Write a python program for swapping the value of two integers.
5. Write a python program for swapping the value of two integers without a third variable.
6. Write a python program to find the ASCII value of the given character.
7. Write a python program to calculate the square root of a number.
8. Write a python program to generate a random number between 0 and 15.
9. Take a list of 10 numbers of your choice. Write a python program to print the following:
   a. Print all the elements after 5th index
   b. Print all the elements before 6th index
   c. Print all the elements between 2nd and 8th indices
10. Write a python program to find the area of triangle.