**Assignment 1 : Python Programing Concepts**

1. A simple program that displays “Hello, World!”. It's often used to illustrate the syntax of the language.
2. Give the example of interactive mode and script mode.
3. Write a program on types of variable and also which type of variable is immutable or mutable

Eg .List -> list=[1,2,3], int, boolean, …..etc.

1. Write a program on operators with priority and associativity.
2. Write a simple program for using comment.
3. A Simple program In [Python Program to Add Two Numbers](https://www.programiz.com/python-programming/examples/add-number). Accept number from user.
4. Write A Program in python language to Find the Square Root.
5. Write A Python Program to Calculate the Area of a Triangle.
6. Write A Python Program to Solve Quadratic Equation.
7. Write A Python program to check if a number is positive, negative or zero
8. 11.Write A Python Program to Check if a Number is Odd or Even
9. Write A Python Program to Check Leap Year
10. Write A Python Program to Find the Largest Among Three Numbers

14.Write A Python Program to Check Prime Number

15**.** Write a program on complex number**.**