**Python Basics**

1.Write a program to print your name.

print('Shreya Basu Roy')

2. Write a program for a Single line comment and multi-line comments

# printing a string

print('Hello world')

'''

This is a

multiline comment!

'''

print("Hello World")

3. Define variables for different Data Types int, Boolean, char, float, double and print on the Console.

class Test {

public static void main(String[] args) {

int num;

num = 10;

System.out.println(num);

}

}

class Test {

public static void main(String[] args) {

double num;

num = 10.5;

System.out.println(num);

}

}

class Test {

public static void main(String[] args) {

float num;

num = 10.5f;

System.out.println(num);

}

}

class Test {

public static void main(String[] args) {

char ch;

ch = 'e';

System.out.println(ch);

}

}

class Test {

public static void main(String[] args) {

boolean a, b;

a = true;

b = false;

System.out.println(a);

System.out.println(b);

}

}

4. Define the local and Global variables with the same name and print both variables and understand the scope of the variables

def sum(x,y):

sum = x + y

return sum

print(sum(5, 10))

z = 25

def func():

global z

print(z)

z=20

func()

print(z)