**Full Stack Web Development using Python**

**Assignment – 4 User Input Problems**

1. Write a python script to take your name as input from the user and then print it.

a=input(“What is your name ?”)

print(a)

1. Write a python script to take input from the user. Input must be a number.

x=int(input(“Enter a number”))

print(x) #to print number (optional)

1. Write a python script which takes two numbers from the user, then calculate their sum and display the result.

print("Enter two numbers")

x,y=int(input()),int(input())

print(x+y)

1. Write a python script which takes the radius from the user and display area of a circle.

x=float(input("Enter radius of circle"))

print("Area of circle is %d",3.14\*x\*x)

1. Write a python script to calculate the square of a number. Number is entered by the user.

x=int(input("Enter a number"))

print("Square is ",x\*\*2)

1. Write a python script to calculate the area of Triangle. Number is entered by the user.

print("Enter length and height of traingle ")

x,y=float(input()),float(input())

print("Area of traingle is ",x\*y\*0.5)

1. Write a python script to calculate average of three numbers, entered by the user

print("Enter three numbers ")

x,y,z=float(input()),float(input()),float(input())

print("Average is",(x+y+z)/3)

1. Write a python script to calculate simple interest

print("Enter principal, time, rate ")

x,y,z=float(input()),float(input()),float(input())

print("Average is",(x\*y\*z)/100)

1. Write a python script to calculate the volume of a cuboid.

print("Enter length, width, height ")

x,y,z=float(input()),float(input()),float(input())

print("Volume of cuboid is ",x\*y\*z)

1. Write a python script to calculate area of a rectangle

print("Enter length and width ")

x,y=float(input()),float(input())

print("Area of rectangle is ",x\*y)