**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(x)

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.

x, y=input("Enter two numbers").split()

print(int(x)+int(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\*x)

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

x, y=input("Enter length and height of traingle ").split()

print("Area of traingle is ",float(x)\*float(y)\*.5)

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

x,y,z=input("Enter three numbers ").split()

p=int(x)+int(y)+int(z)

print("Average is ",float(p/3))

1. Write a python script to calculate simple interest

x,y,z=input("Enter principal, time, rate ").split()

p=float(x)\*float(y)\*float(z)

print("Simple Interest is ",float(p/100))

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

x,y,z=input("Enter length, width, height ").split()

p=int(x)\*int(y)\*int(z)

print("Volume of cuboid is ",p)

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

x,y=input("Enter length, width ").split()

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