**Assignment - 4 Full Stack Web Development using Python MySirG User Input Problems**

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

ame=(input("enter your name "))

print("enter name")

print(name)

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

number=int(input("number "))

print(number)

print(type(number))

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

 number1=int(input("number1 "))

number2=int(input("number2 "))

add=number1+number2

print("sum is",add)

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

pi=3.14

radius=float(input("enter radius "))

area\_of\_circle=pi\*radius\*radius

print(area\_of\_circle)

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

number=float(input("enter number "))

square=number\*number

print("square is",square)

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

base=float(input("enter base number "))

height=float(input("enter height number "))

area\_of\_tringle=1/2\*base\*height

print(" area\_of\_tringle is",area\_of\_tringle)

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

number1=float(input("enter number1 "))

number2=float(input("enter  number2 "))

number3=float(input("enter  number3 "))

total\_number=number1+number2+number3

avg=total\_number/3

print(" average of three numbers is ",avg)

8. Write a python script to calculate simple interest

 p=float(input("principal amount"))

r=float(input("rate of interest "))

t=float(input(" time "))

si=p\*r\*t/100

print(" simple interest is ",si)

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

n1=float(input("length"))

n2=float(input("breath "))

n3=float(input(" height "))

volume\_of\_cuboid=n1\*n2\*n3

print("volume\_of\_cuboid is",volume\_of\_cuboid)

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

n1=float(input("enter length "))

n2=float(input("enter breath "))

area\_of\_rectangle=n1\*n2

print("area\_of\_rectangle is",area\_of\_rectangle)