Assignment - 4

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

```
name=input("enter your name\n")
print(name)
```

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

```
num=int(input("enter any number\n"))
print(num)
```

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

```
n1=int(input("enter 1st number\n"))
n2=int(input("enter 2nd number\n"))
print("sum of %d and %d is %d"%(n1,n2,n1+n2))
```

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

```
r=float(input("enter the radius\n"))
print("area of a circle",r*r*3.14)
```

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

```
n=int(input("enter the number\n"))
print("square of number",n**2)
```

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

```
b=int(input("enter the base\n"))
h=int(input("enter the height\n"))
print("area of triangle",1/2*b*h)
```

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

```
n1=int(input("enter first number\n"))
n2=int(input("enter second number\n"))
n3=int(input("enter third number\n"))
av=(n1+n2+n3)/3
print("average is",av)
```

8. Write a python script to calculate simple interest.

```
p=int(input("enter principal\n"))
r=int(input("enter rate\n"))
t=int(input("enter time\n"))
print("simple interest is",(p*r*t)/100)
```

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

```
l=int(input("enter length "))
w=int(input("enter width"))
```

```
h=int(input("enter height"))
print("volume of cuboid",l*w*h)l=int(input("enter length "))
```

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

```
l=int(input("enter length "))
b=int(input("enter breath"))
print("area of rectangle",l*b)
```