

## Assignment - 4 User Input Problems

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

```
x=input("Enter your name:")  
print(x)
```

**Output:-**

Enter your name:Tarun Pal

Tarun Pal

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

```
x=int(input("Enter a number:"))  
print(x)
```

**Output:-**

Enter a number:5

5

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

```
x=int(input("Enter first number:"))  
y=int(input("Enter second number:"))  
z=x+y  
print("Sum is:",z)
```

**Output:-**

Enter first number:5

Enter second number:4

Sum is: 9

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

```
r=float(input("Enter radius:"))  
pie=3.14  
area=pie*r*r  
print("Area is:",area)
```

**Output:-**

Enter radius:5

Area is: 78.5

**5. 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)
```

**Output:-**

Enter a number:5

Square is: 25

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

```
b=float(input("Enter base:"))  
h=float(input("Enter perpendicular height:"))  
area=1/2*b*h  
print("Area is:",area)
```

**Output:-**

Enter base:5

Enter perpendicular height:6

Area is: 15.0

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

```
x=int(input("Enter first number:"))
y=int(input("Enter second number:"))
z=int(input("Enter third number:"))
avg=(x+y+z)/3
print("Average is:",avg)
```

**Output:-**

```
Enter first number:5
Enter second number:5
Enter third number:5
Average is: 5.0
```

**8. Write a python script to calculate simple interest.**

```
p=float(input("Enter principle amount:"))
r=float(input("Enter rate if interest:"))
t=float(input("Enter period of time:"))
sum=p*r*t
si=sum/100
print("Simple Interest is:",si)
```

**Output:-**

```
Enter principle amount:100
Enter rate if interest:3
Enter period of time:3
Simple Interest is: 9.0
```

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

```
l=int(input("Enter length:"))  
b=int(input("Enter breadth:"))  
h=int(input("Enter height:"))  
volume=l*b*h  
print("Volume is:",volume)
```

**Output:-**

```
Enter length:5  
Enter breadth:5  
Enter height:5  
Volume is: 125
```

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

```
l=int(input("Enter length:"))  
w=int(input("Enter width:"))  
area=l*w  
print("Area is:",area)
```

**Output:-**

```
Enter length:5  
Enter width:6  
Area is: 30
```