**Assignment – 4**

**User Input Problems**

**1. x=input('Your first Name \n')**

**y= input('your second name \n')**

**z= x + y**

**print("Your Name is", z)**

**OR**

**x=input('Enter Number \n')**

**print("Your Total is", x)**

**2. x=input('Enter First Number \n')**

**y= input('Enter Second Number \n')**

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

**print("Your Total is", z)**

**OR**

**x=int(input('Enter First Number \n'))**

**y= int(input('Enter Second Number \n'))**

**z= x+y**

**print("Your Total is", z)**

**3. x=int(input('Enter First Number \n'))**

**y= int(input('Enter Second Number \n'))**

**z= x+y**

**print("Your Total is", z)**

**4. x=int(input('Enter the radius \n'))**

**y = x\*2**

**print("Your Diameter is",y)**

**5. x=int(input('Enter the Number \n'))**

**y = x\*\*2**

**print("Your Square is", y)**

**6. base = float(input('Please Enter the base of Triangle**

**\n'))**

**height = float(input('Please Enter the height of the**

**Triangle \n'))**

**area = (base\*height) / 2**

**print('The area of triangle is', area )**

**(float is used because in float both int and float works.)**

**7. num1 = float(input('Please Enter first number \n'))**

**num2 = float(input('Please Enter second number \n'))**

**num3 = float(input('Please Enter third number \n'))**

**Average = (num1 + num2 + num3) / 3**

**print ('The average of three number is', Average)**

**8. P = float(input('Principle amount \n'))**

**T = float(input('Please Time \n'))**

**R = float(input('Please Rate \n'))**

**SI = (P\*T\*R) / 100**

**print ('The Simple Interest is', SI)**

**9. Length = float(input('Length \n'))**

**Breadth = float(input('Breadth \n'))**

**Height = float(input('Height \n'))**

**vol\_of\_cuboid = Length \* Breadth \* Height**

**print('The Volume of cuboid is', vol\_of\_cuboid)**

**10. Length = float(input('Length \n'))**

**Width = float(input('Width \n'))**

**Area\_of\_rectangle = Length \* Width**

**print ('The area of rectangle is', Area\_of\_rectangle)**