In [ ]:
```
# Wap ask the user take three numbers and find the average
# print : the average of 10,20 and 30 is : avg
#        format
#       f string
# idea:
#
```

In [1]:
```
n1=eval(input('Enter Number 1'))
n2=eval(input('Enter Number 2'))
n3=eval(input('Enter Number 3'))
avg=(n1+n2+n3)/3
print('The Average of {},{} and {} is : {}'.format(n1,n2,n3,avg))
print(f'The Average of {n1},{n2} and {n3} is : {avg}')
```

```
The Average of 30.5,20.5 and 10 is : 20.333333333333332
The Average of 30.5,20.5 and 10 is : 20.333333333333332
```

In [ ]:
```
# wap take the radidus of a circle calculate area of the circle
# var: radidus
# var: pi=3.14
# formuale: pi*radius*radius
# print the answers using f string and format
```

In [9]:
```
radius=eval(input('Enter Radius of Circle'))
pie=3.14
area=(pie*radius*radius)
print(f'The Area of the circle with radius {radius} is : {area}')
print('The Area of the circle with radius {} is : {}'.format(radius,area))
```

```
The Area of the circle with radius 10 is : 314.0
The Area of the circle with radius 10 is : 314.0
```

In [ ]:
```
# wap take the breadth and height of a right angle triangle
# calculate the area
# var1: bredath  var2: height
# formuale : 0.5*breadth*heigh
```

In [17]:
```
breadth=eval(input('Enter Breadth of the RightAngleTriangle'))
height=eval(input('Enter Height of the RightAngleTriangle'))
area=(0.5*breadth*height)
print(f'The Area of RightAngleTriangle with breadth {breadth} and height {height} i
print('The Area of RightAngleTriangle with breadth {} and height {} is : {}'.format
```

```
The Area of RightAngleTriangle with breadth 30.56 and height 40.2 is : 614.256
The Area of RightAngleTriangle with breadth 30.56 and height 40.2 is : 614.256
```

In [ ]:
```
# wap take the bill amount and tip amount
# calculate total bill
# var1: bill amount var2: tip amount
# formuale
```

In [25]:
```
billamount=eval(input('Enter The Bill Amount'))
tippercentage=eval(input('Enter the Percentage of Bill Amount as Tip'))
tipamount2=billamount*(tippercentage)/100
```

```
totalbil2=(tipamount2+billamount)
print(f'The total Bill Amount which includes actual bill {billamount} and tip of {t
print('The total Bill Amount which includes actual bill {} and tip of {} is : {}'.f
```

```
The total Bill Amount which includes actual bill 2000 and tip of 500.0 is : 2500.0
The total Bill Amount which includes actual bill 2000 and tip of 500.0 is : 2500.0
```

In [ ]:
```
# wap take the length and breadth of a rectangle calculate area
# var1: length  var2: breadth
# formulae: length * breadth
```

In [35]:
```
var1=eval(input('Enter Length of Rectangle'))
print(type(var1))
var2=eval(input('Enter Breadth of Rectangle'))
arear=(var1*var2)
print(f'The Area of Rectangle with Length {var1} and Breadth {var2} is : {arear}')
print('The Area of Rectangle with Length {} and Breadth {} is : {}'.format(var1,var
```

```
<class 'float'>
The Area of Rectangle with Length 30.5 and Breadth 40.67 is : 1240.435
The Area of Rectangle with Length 30.5 and Breadth 40.67 is : 1240.435
```

In [ ]: