Addition of two numbers

In [1]:
```
num1=int(input("enter the number"))
num2=int(input("enter the number"))
add=num1+num2
print(add)
```

```
enter the number10
enter the number20
30
```

Subtraction of two numbers

In [2]:
```
num1=int(input("enter the number"))
num2=int(input("enter the number"))
sub=num1-num2
print(sub)
```

```
enter the number40
enter the number20
20
```

Multiplication of numbers

In [5]:
```
num1=int(input("enter the number"))
num2=int(input("enter the number"))
num3=int(input("enter the number"))
Mul=num1*num2*num3
print(Mul)
```

```
enter the number20
enter the number40
enter the number60
48000
```

Division of two numbers

In [4]:
```
num1=int(input("enter the number"))
num2=int(input("enter the number"))
Result=num1/num2
print(Result)
```

```
enter the number400
enter the number20
20.0
```

Modulus

In [6]:
```
num1=int(input("enter the number"))
num2=int(input("enter the number"))
Result=num1%num2
print(Result)
```

```
enter the number9
enter the number4
1
```

Simple Interest

In [10]:
```
PA=int(input("enter principal amount"))
RI=int(input("enter rate of interest"))
Time=int(input("enter time period"))
SI=(PA*RI*Time)/100
print(SI)
```

```
enter principal amount20000
enter rate of interest10
enter time period8
16000.0
```

Swap two numbers using third variable

In [15]:
```
num1=(int(input("enter the first number")))
num2=(int(input("enter the second number")))
temp=num1
num1=num2
num2=temp
(num1,num2)
```

```
enter the first number3
enter the second number4
```

Out[15]:
```
(4, 3)
```

Swap two numbers without using third variable

In [16]:
```
num1=(int(input("enter the first number")))
num2=(int(input("enter the second number")))
num1=num1+num2
num2=num1-num2
num1=num1-num2
(num1,num2)
```

```
enter the first number3
enter the second number4
```

Out[16]:
```
(4, 3)
```

Average of student marks

In [1]:
```
Sub1=int(input("enter the mark of English"))
Sub2=int(input("enter the mark of Maths"))
Sub3=int(input("enter the mark of Chemistry"))
Sub4=int(input("enter the mark of Physics"))
Sub5=int(input("enter the mark of Biology"))
Average=(Sub1+Sub2+Sub3+Sub4+Sub5)/5
Average
```

```
enter the mark of English40
enter the mark of Maths50
enter the mark of Chemistry60
enter the mark of Physics70
enter the mark of Biology80
```

Out[1]:
```
60.0
```

Perimeter of Square

In [2]:
```
S=int(input("enter the side length"))
Per=4*S
Per
```

```
enter the side length4
```

Out[2]:
```
16
```

Perimeter of rectangle

In [3]:
```
L=int(input("enter the length of rectangle"))
B=int(input("enter the breadth of rectangle"))
PeriRec=2*(L+B)
PeriRec
```

```
enter the length of rectangle20
enter the breadth of rectangle30
```

Out[3]:
```
100
```

Perimeter of circle

In [6]:
```
R=int(input("enter the radius"))
Per=2*3.141*R
Per
```

```
enter the radius4
```

Out[6]:
```
25.128
```

Perimeter of Triangle

In [8]:
```
x=int(input("enter the length of side A"))
y=int(input("enter the length of side B"))
z=int(input("enter the length of side C"))
Per=x+y+z
Per
```

```
enter the length of side A20
enter the length of side B30
enter the length of side C40
```

Out[8]:
```
90
```

Area of Square

In [10]:
```
S=int(input("enter the side length"))
Area=S*S
Area
```

```
enter the side length5
```

Out[10]:
```
25
```

Area of Rectangle

In [12]:
```
L=int(input("enter the length of rectangle"))
B=int(input("enter the breadth of rectangle"))
AreaRec=L*B
AreaRec
```

```
enter the length of rectangle12
enter the breadth of rectangle10
```

Out[12]:
```
120
```

Area of Circle

In [13]:
```
R=int(input("enter the radius"))
Area=3.14*R*R
Area
```

```
enter the radius4
```

Out[13]:
```
50.24
```

Net Salary of an employee

In [14]:
```
BS=int(input("enter the basic salary"))
HRA=0.1*BS
DA=0.05*BS
PF=0.04*BS
NetSalary=(BS+HRA+DA)-PF
NetSalary
```

```
enter the basic salary20000
```

Out[14]:
```
22200.0
```

In [ ]:
```

```