

```
In [4]: x=10  
y=5  
x+y
```

Out[4]: 15

```
In [3]: x=input()  
y=input()  
x+y
```

10
5

Out[3]: '105'

```
In [6]: x=int(input())  
y=int(input())  
x+y
```

10
5

Out[6]: 15

```
In [12]: x=int(input("enter x value "))  
y=int(input("enter y value "))  
  
x+y
```

enter x value 10
enter y value 20

Out[12]: 30

```
In [10]: x=float(input("enter x value "))  
y=float(input("enter y value "))  
  
print(x+y)
```

enter x value 12
enter y value 12
24.0

```
In [11]: x=eval(input("enter x value "))  
y=eval(input("enter y value "))  
  
print(x+y)
```

enter x value 12
enter y value 12.75
24.75

```
In [15]: sno=int(input("enter sno "))
name=input("enter name ")
clas=int(input("enter class "))

maths=int(input("enter maths "))
phy=int(input("enter phy "))
che=int(input("enter che "))

total=maths+phy+che
avg=total/3

print("total is ",total)
print("avg is ",round(avg,2))
print("avg is  %.2f"%avg)
```

```
enter sno 101
enter name ram
enter class 10
enter maths 99
enter phy 99
enter che 98
total is  296
avg is  98.67
avg is  98.67
```

```
In [16]: empno=int(input("enter empno "))
name=input("enter name ")
salary=int(input("enter salary "))

hra=salary*5/100
cca=salary*5/100
da=salary*5/100
pf=salary*5/100

gross=salary+hra+cca+da
netsal=gross-pf

print("hra is ",hra)
print("cca is ",cca)
print("da is ",da)
print("pf is ",pf)
print("gross is ",gross)
print("netsal is",netsal)
```

```
enter empno 1001
enter name Aravind
enter salary 120000
hra is  6000.0
cca is  6000.0
da is  6000.0
pf is  6000.0
gross is  138000.0
netsal is 132000.0
```

In [17]: *# program to calculate simple interest*

```
p=int(input("enter principle amount "))
n=int(input("enter number of months "))
r=int(input("enter rate of interest "))

i=(p*n*r)/100

print("simple interest is ",i)
```

```
enter principle amount 100000
enter number of months 10
enter rate of interest 2
simple interest is  20000.0
```

In [21]: *# convert years into months,weeks,days,hours,minutes and seconds*

```
y=int(input("enter number of years "))

months=y*12
days=y*365
weeks=days//7
hours=days*24
minutes=hours*60
seconds=minutes*60

print("months      : ",months)
print("weeks       : ",weeks)
print("days        : ",days)
print("hours        : ",hours)
print("minutes      : ",minutes)
print("seconds      : ",seconds)
```

```
enter number of years 3
months      :  36
weeks       :  156
days       :  1095
hours       :  26280
minutes     :  1576800
seconds     :  94608000
```

```
In [26]: inr=eval(input("enter indian rupees "))

pak=inr*3.39
sri=inr*3.97
ban=inr*1.33
nep=inr*1.61
afg=inr*0.85
but=inr*1.004
chi=inr*0.086

print(inr,"Indian Rupees = ",pak,"Pakistan Rupees")
print(inr,"Indian Rupees = ",sri,"Srilanka Rupees")
print(inr,"Indian Rupees = ",ban,"Bangladesh Takas")
print(inr,"Indian Rupees = ",round(nep,2),"Nepal Rupees")
print(inr,"Indian Rupees = ",afg,"Afghanistan Afghani")
print(inr,"Indian Rupees = ",but,"Butan Ngultrum")
print(inr,"Indian Rupees = ",round(chi,2),"Chinis Yuan")
```

```
enter indian rupees 20000
20000 Indian Rupees =  67800.0 Pakistan Rupees
20000 Indian Rupees =  79400.0 Srilanka Rupees
20000 Indian Rupees =  26600.0 Bangladesh Takas
20000 Indian Rupees =  32200.0 Nepal Rupees
20000 Indian Rupees =  17000.0 Afghanistan Afghani
20000 Indian Rupees =  20080.0 Butan Ngultrum
20000 Indian Rupees =  1720.0 Chinis Yuan
```

```
In [28]: num=int(input("enter any two digit number"))

a=num//10
b=num%10

print("first digit is ",a)
print("Second digit is ",b)
```

```
enter any two digit number96
first digit is  9
Second digit is  6
```

```
In [29]: num=int(input("enter any two digit number"))

num=str(num)

print("first digit is ",num[0])
print("second digit is ",num[1])
```

```
enter any two digit number25
first digit is  2
second digit is  5
```

```
In [32]: num=786

a=num//100    # 7
b=num%100     # 86

c=b//10       # 86 // 10 = 8
d=b%10        # 86 % 10 = 6

print("first digit is ",a)
print("second digit is ",c)
print("third digit is ",d)
```

```
first digit is  7
second digit is 8
third digit is  6
```

```
In [33]: num=int(input("enter three digit number "))

num=str(num)

a=num[0]
b=num[1]
c=num[2]

print("first digit is ",a)
print("second digit is ",b)
print("third digit is ",c)
```

```
enter three digit number 786
first digit is  7
second digit is 8
third digit is  6
```

```
In [37]: name=input("enter a name ")

print(name[0]+(len(name)-2)*"*"+name[-1])
```

```
enter a name Aravind
A*****d
```

```
In [39]: x=int(input("enter phone number"))

x=str(x)

print(x[0:3]+(len(x)-6)*"*"+x[-3:])
```

```
enter phone number9989569123
998****123
```