```
In [1]:  #python program for simple calculated
         #add
         a=3
         b=2
         c=a+b
         print(c)
```

5

```
In [2]:  #sub
         a=3
         b=2
         c=a-b
         print(c)
```

1

```
In [3]:  #mul
         a=3
         b=2
         c=a*b
         print(c)
```

6

```
In [4]:  #div
         a=4
         b=2
         c=a/b
         print(c)
```

2.0

```
In [5]:  #mod
         a=5
```

```
b=2
c=a%b
print(c)
```

1

In [6]:
```
#exponent
a=3
b=2
c=a**b
print(c)
```

9

In [7]:
```
#floor division
a=4
b=2
c=a//b
print(c)
```

2

In [8]:
```
#simple intrest
p=3
t=2
r=4
si=p*t*r/100
print('simple intrest is :', +si)
```

simple intrest is : 0.24

In [9]:
```
#area of circle
pi=3.14
r=2
area=pi*r*r
print('area of circle is:', +area)
```

area of circle is: 12.56

```
In [10]:   #area of traingle
           b=3
           h=2
           area=0.5*b*h
           print('area of triangle is:', +area)
```

area of triangle is: 3.0

```
In [15]:   #convert from celsius to Fahrenheit
           celsius=37
           fahrenheit=(celsius*1.8)+32
           print('37celsius to Fahrenheit is:', +fahrenheit)
```

37celsius to Fahrenheit is: 98.60000000000001

```
In [14]:   #area of Rectangle
           l=2
           b=3
           area=l*b
           print('area of Rectangle is :', +area)
```

area of Rectangle is : 6

```
In [17]:   #perimeter of square
           a=2
           ps=4*a
           print('perimeter of square is:', +ps)
```

perimeter of square is: 8

```
In [18]:   #circumference of circle
           pi=3.14
           r=2
           cof=2*pi*r
           print('circumference of circle is:', +cof)
```

circumference of circle is: 12.56

```python
In [20]: #swapping of two numbers
         a=3
         b=2
         print('value of a before swapping:', +a)
         print('value of b before swapping:', +b)
         temp=a
         a=b
         b=temp
         print('value of a after swapping:', +a)
         print('value of b after swapping:', +b)
```

```
value of a before swapping: 3
value of b before swapping: 2
value of a after swapping: 2
value of b after swapping: 3
```