import module

In [2]:
```
import math
```

In [3]:
```
x = math.sqrt(25)
x
```

Out[3]: 5.0

In [4]:
```
x1 = math.sqrt(15)
x1
```

Out[4]: 3.872983346207417

In [5]:
```
print(math.floor(2.9))
```

```
2
```

In [9]:
```
print(math.ceil(2.9))
```

```
3
```

In [10]:
```
print(math.pow(3,2))
```

```
9.0
```

In [11]:
```
print(math.pi)
```

```
3.141592653589793
```

In [12]:
```
print(math.e)
```

```
2.718281828459045
```

In [13]:
```
import math as m
m.sqrt(10)
```

Out[13]: 3.1622776601683795

In [14]:
```
from math import sqrt,pow
pow(2,3)
```

Out[14]: 8.0

In [15]:
```
round(pow(2,3))
```

Out[15]: 8

User input function in py

In [16]:
```
x = input()
y = input()
z = x+y
print(z)
```

```
57
```

In [19]:
```
x1 = input('enter the 1st number')
y1 = input('enter the 2nd number')
z1 = x1+y1
print(z1)
```

```
56
```

In [20]:
```
type(x1)
type(y1)
```

Out[20]: str

In [21]:
```
x1 = input('Enter the 1st number')
a1 = int(x1)
y1 = input ('Enter the 2nd number')
b1 = int(y1)
z1 = a1+b1
print(z1)
```

```
7
```

In [22]:
```
x2 = int(input('Enter the 1st number'))
y2 = int(input('Enter the 2nd number'))
z2 = x2+y2
print(z2)
```

```
7
```

In [24]:
```
ch = input('enter a char')
print(ch)
```

```
kareem
```

In [25]:
```
print(ch[0])
```

```
k
```

In [26]:
```
print(ch[1])
```

```
a
```

In [27]:
```
print(ch[-1])
```

```
m
```

In [28]:
```
ch = input('enter a char')[0]
print(ch)
```

```
k
```

In [30]:
```
ch = input('enter a char')[1:3]
print(ch)
```

```
ar
```

In [31]:
```
ch = input('enter a char')
print(ch)
```

```
kareem
```

Eval function

In [38]:
```
result = eval(input('enter an expr'))
print(result)
```

```
7
```

In [ ]: