Math module

In [1]:
```
import math
```

In [2]:
```
m = math.sqrt(25)
m
```

Out[2]: 5.0

In [3]:
```
math.sqrt(15)
```

Out[3]: 3.872983346207417

In [4]:
```
print(math.floor(2.9))
```

```
2
```

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

```
3
```

In [6]:
```
print(math.pow(3,2))
```

```
9.0
```

In [7]:
```
print(math.pi)
```

```
3.141592653589793
```

In [8]:
```
print(math.e)
```

```
2.718281828459045
```

In [9]:
```
import math as m
m.sqrt(49)
```

Out[9]: 7.0

In [10]:
```
m.sqrt(20)
```

Out[10]: 4.47213595499958

In [11]:
```
from math import sqrt,pow
print(pow(4,2))
print(sqrt(25))
```

```
16.0
5.0
```

In [12]:
```
round(pow(3,2))
```

Out[12]: 9

User Input Function

In [13]:
```
x = input()
y = input()
z = x + y
print(z)
```

```
1212
```

In [14]:
```
x = input("Enter the value")
y = input("Enter the value")
z = x+y
print(z)
```

```
44
```

In [15]:
```
x = int(input("Enter the value"))
y = int(input("Enter the value"))
z = x+y
print(z)
```

```
8
```

In [16]:
```
ch = input('enter a char')
print(ch)
```

```
r
```

In [17]:
```
print(ch[0])
```

```
r
```

In [19]:
```
ch = input("Enter the char")[0]
print(ch)
```

```
h
```

In [20]:
```
ch = input("Enter the char")[0:3]
print(ch)
```

```
hel
```

In [22]:
```
res = eval(input("Enter the expression"))
print(res)
```

```
(2+3j)
```

In [ ]:
```

```