In [1]:
```
x = sqrt(25)
```

```
---------------------------------------------------------------------------
NameError                                 Traceback (most recent call last)
Cell In[1], line 1
----> 1 x = sqrt(25)

NameError: name 'sqrt' is not defined
```

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

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

In [4]:
```
x
```

Out[4]: 5.0

In [5]:
```
x1 = math.sqrt(15)
x1
```

Out[5]: 3.872983346207417

In [6]:
```
print(math.floor(2.9))
```

```
2
```

In [7]:
```
print(math.ceil(2.9))
```

```
3
```

In [8]:
```
print(math.pow(3,2))
```

```
9.0
```

In [9]:
```
print(math.pi)
```

```
3.141592653589793
```

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

Out[10]: 3.1622776601683795

In [11]:
```
round(pow(2,3))
```

Out[11]: 8

In [ ]:
```

```

User input function in python || command line input

In [ ]:
```

```

In [2]:
```
a = input("Enter a value: ")
b = input("Enter another value: ")
print(a + b ) #'56' (string concatination)
```

```
56
```

In [ ]:

In [4]:
```
a = int(input ("Enter first number: "))
b = int(input ("Enter second number: "))
print("Sum is:", a + b)
```

```
Sum is: 11
```

In [ ]:

In [2]:
```
name = input(" Enter your name: ")
print("Character at index 3:", name[3])
print("S5lice from 1 name to 3:", name[1:3])
```

```
Character at index 3: d
Slice from 1 name to 3: aa
```

In [ ]:

In [3]:
```
ch = input("Enter anyword or character: ") [1:3]
print("Characters from index 1 to 2:", ch)
```

```
Characters from index 1 to 2: aa
```

In [ ]:

In [4]:
```
expr = eval(input("Enter an expression (e.g., 10+5): "))
print("Result:", expr)
```

```
Result: 15
```

In [ ]: