In [ ]:

import math function

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
```

math.sqrt()

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

Out[3]: 5.0

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

Out[4]: 3.872983346207417

math.floor()

In [5]:
```
print(math.floor(3.78))
```

```
3
```

math.ceil()

In [6]:
```
print(math.ceil(3.78))
```

```
4
```

math.pow()

In [7]:
```
print(math.pow(3,2))
```

```
9.0
```

In [8]:
```
print(math.pow(5,3))
```

```
125.0
```

math.pi

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

```
3.141592653589793
```

math.e

In [10]:
```
print(math.e)   # e-epsilon values
```

```
2.718281828459045
```

as keyword

In [11]:
```
import math as m
m.sqrt(49)
```

Out[11]:
```
7.0
```

To import specifict functions from module(math)

In [12]:
```
from math import sqrt,pow
print(pow(2,3))
print(sqrt(81))
```

```
8.0
9.0
```

In [13]:
```
from math import sqrt, pow, floor, ceil

print(pow(4,3))
print(sqrt(64))
print(floor(2.5))
print(ceil(2.5))
```

```
64.0
8.0
2
3
```

To import all the math in built functions from math module

In [14]:
```
from math import *
print(pow(4,3))
print(sqrt(64))
print(floor(2.5))
print(ceil(2.5))
```

```
64.0
8.0
2
3
```

In [15]:
```
round(pow(5,3))
```

Out[15]:
```
125
```

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