Import math module

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 [4]:
```
x=math.sqrt(25)
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 [8]:
```
print(math.ceil(2.9))
```

```
3
```

In [9]:
```
print(math.pow(3,2))
```

```
9.0
```

In [10]:
```
print(math.pi)
```

```
3.141592653589793
```

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

```
2.718281828459045
```

In [12]:
```
import math as m
m.sqrt(10)
```

Out[12]: 3.1622776601683795

In [13]:
```
from math import sqrt,pow
pow(2,3)
```

Out[13]: 8.0

In [14]:
```
round(pow(2,3))
```

Out[14]: 8

In [15]:
```
math.fabs(5.6)
```

Out[15]: 5.6

In [16]:
```
math.factorial(6)
```

Out[16]: 720

In [17]:
```
math.gcd(30,60)
```

Out[17]: 30

In [18]:
```
math.sin(100)
```

Out[18]: -0.5063656411097588

In [19]:
```
math.cos(20)
```

Out[19]: 0.40808206181339196

In [20]:
```
math.tan(30)
```

Out[20]: -6.405331196646276

In [21]:
```
m.pow(3,6)
```

Out[21]: 729.0

In [22]:
```
from math import sqrt,pow
print(pow(3,4))
print(sqrt(64))
```

```
81.0
8.0
```

In [23]:
```
from math import *
floor(20.67)
```

Out[23]: 20

In [ ]: