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

math.sqrt() -> This method returns the square root of a given number

In [4]:
```
print(f'Square root of 4: {math.sqrt(4)}')
print(f'Square root of 2: {math.sqrt(2)}')
print(f'Square root of 25: {math.sqrt(25)}')
```

```
Square root of 4: 2.0
Square root of 2: 1.4142135623730951
Square root of 25: 5.0
```

math.pow() -> This method returns the values by calculating the number with the given exponent

In [6]:
```
print(f'Square of 2: {math.pow(2,2)}')
print(f'Cube of 2: {math.pow(2,3)}')
print(f'Fourth power of 3: {math.pow(3,4)}')
```

```
Square of 2: 4.0
Cube of 2: 8.0
Fourth power of 3: 81.0
```

math.factorial() -> This returns the factorial of a given number

In [8]:
```
print(f'Factorial of 10: {math.factorial(10)}')
print(f'Factorial of 6: {math.factorial(6)}')
```

```
Factorial of 10: 3628800
Factorial of 6: 720
```

math.floor() -> This returns the nearest small integer of the given number

In [13]:
```
print(math.floor(3.14))
print(math.floor(4.65))
print(math.floor(5.32))
```

```
3
4
5
```

math.ceil() -> This returns the nearest big integer of the given number

In [14]:
```
print(math.ceil(3.14))
print(math.ceil(4.65))
print(math.ceil(5.32))
```

```
4
5
6
```

math.pi -> This is a constant defined in math module which gives us the value of pi for calculation

In [22]:
```
print(f'Value of pi: {math.pi}')
print(f'Area of circle with radius = 7 is {math.pi*7**2:.2f}')
```

```
Value of pi: 3.141592653589793
Area of circle with radius = 7 is 153.94
```

In [ ]:
```

```