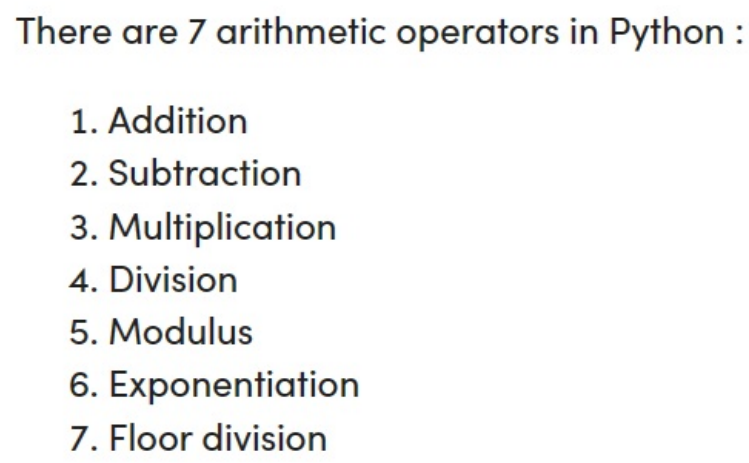
Arithmetic Operator in Python



Let's see example of each

In [1]:
```
#Addition
a=2
b=3    # Decleared variable a and b as integer
c=a+b
print(c)
```

```
5
```

In [2]:
```
#Subtraction
a,b= 5,2        #assigning multiple variable at once
c=a-b
print(c)
```

```
3
```

In [3]:
```
#multiplication
a=int(input("Provide first number: "))
b=int(input("Provide second number: "))
# asking input with user
c=a*b
print(c)
```

```
Provide first number: 2
Provide second number: 3
6
```

In [4]:
```
#Division
a=int(input("Provide first number: "))
b=int(input("Provide second number: "))
# asking input with user
c=a/b
print("The result is",c)
```

```
Provide first number: 22
Provide second number: 2
The result is 11.0
```

In [5]:
```
#We can type of c, what type of data is c?
type(c)
```

Out[5]:
```
float
```

In [7]:
```
#we can do typecasting my changing float to int
c=int(c)
print(c)
```

```
11
```

In [8]:
```
type(c)
```

Out[8]:
```
int
```

In [9]:
```
#this changing data types is called typecasting.
```

In [11]:
```
#Modulus: means remainder
a=12
b=5
c=a%b
print(c)
```

```
2
```

In [12]:
```
#Exponentiation: means power
c=a**b
print(c)
```

```
248832
```

In [13]:
```
#floor division: by which number it will go division ignoring remainder like 12/5= 2 quotient and 2 reminder
#so write quotient for floor division.
c=a//b
print(c)
```

```
2
```

In [ ]:
```

```