



# ARITHMETIC OPERATORS

## PYTHON BASICS

Prepared by:

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L6-arithmetic-operators-solution.ipynb

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Python 3.13.0

## Arithmetic Operators

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### Addition

```
1 a = 5
2 b = 3
3 c = a + b
4 print(c)
```

Python

### Subtraction

```
1 a = 10
2 b = 4
3 c = a - b
4 print("The difference is " + str(c))
```

Python

### Multiplication

```
1 a = 7
2 b = 6
3 c = a * b
4 print(str(a) + "*" + str(b) + " is " + str(c))
```

Python

### Division

```
1 a = 10
2 b = 3
3 c = a / b
4 c
```

Python

### Floor Division

```
1 a = 10
2 b = 3
3 c = a // b
4
5 print("The quotient is " + str(c))
6
```

Python

### Modulo

```
1 a = 10
2 b = 3
3 c = a % b
4 print("The remainder is " + str(c))
```

Python

### Increment

```
1 x = 5
2 x += 1
3 print(x)
```

Python

```
1 a = 5
2 a = a + 1
3 print(a)
```

Python



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## Decrement

```
1 x = 5
2 x-=1
3 print(x)
```

Python

```
1 a = 5
2 a = a - 1
3 print(a)
```

Python