

Arithmetic Operators in Python

Arithmetic operators are used to perform mathematical operations like addition, subtraction, multiplication, division and also python have floor division, exponentiation.

Addition (+) => This operator is a binary operator and is used to add two operands.

Subtraction (-) => This operator is a binary operator and is used to subtract two operands.

Multiplication (*) => This operator is a binary operator and is used to multiply two operands.

Division (/) => This is a binary operator that is used to divide the first operand(dividend) by the second operand(divisor) and give the quotient as result.

Modulus (%) => This is a binary operator that is used to return the remainder when the first operand(dividend) is divided by the second operand(divisor).

Exponentiation (* *) => The performs exponential (power) calculation on operators

Floor division (//) => The division of operands where the result is the quotient in which the digits after the decimal point are removed.

Source Code

```
# Arithmetic operators
```

```
"""
```

```
+      Addition
```

```
-      Subtraction
```

```
*      Multiplication
```

```
/      Division
```

```
%      Modulus
```

```
**     Exponentiation
```

```
//     Floor division
```

```
"""
```

```
a = 123
```

```
b = 10
```

```
print(a + b)
```

```
print(a - b)
```

```
print(a * b)
```

```
print(a / b)
```

```
print(a // b)
```

```
print(a % b)
```

```
print(2**3)
```

Output

```
133
```

```
113
```

```
1230
```

```
12.3
```

```
12
```

```
3
```

```
8
```