Arithmetic Operators in Python

The Arithmetic Operators are used in Python in the same way as they are used in Mathematics.

OPERATOR	DESCRIPTION
+	Add two operands
-	Subtracts second operand from the first
*	Multiplies two operands
/	Divides numerator by denominator (Floating Point Division)
//	Divides numerator by denominator (Floor Division) - Acts as a floor function
**	**Exponent Operator**- The first operand raised to the power of the second operand
%	**Modulo Operator-** Calculates remainder left after dividing first by second

Let us see how these operators work:-

```
In[] : print(5 + 2) # Addition
Out[] : 7
In[] : print(5 - 2) # Subtraction
Out[] : 3
In[] : print(5 * 2) # Multiplication
Out[] : 10
In[] : print(5 / 2) # Floating Point Division
Out[] : 2.5
In[] : print(5 // 2) # Floor Division
Out[] : 2 # 5 divided by 2 gives 2.5 and value of floor(2.5) is 2
In[] : print(5 ** 2) # Calculate Exponent
Out[] : 25 # 5 raised to the power of 2 is 25
In[] : print(5 % 2) # Modulus
Out[] : 1 # Remainder 1 is left after dividing 5 by 2
```