

Precedence & Associativity OF OPERATORS IN PYTHON

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DPERATORS	Meaning.					
()	Parentheses					
**	Exponent					
* , / , // , %	Multiplication, Division,					
Activities (MA) Alexand	Floor Division, Modulus					
+ , -	Addition, Subtraction					
== , != , 7 , 7 = , L=	Comparisons					
not	Logical NOT					
and	dogical AND					
or	dogical AND Logical OR					
(((UNX) XX() XX()						

The operator precedence in Python is listed in the above table. It is in descending order (upper group has higher precedence than the lower ones).

ASSOCIATIVITY

- → We can see in the above table that more than one operator exists in the same group. These operators have the same precedence.
- When two operators have the same precedence, associativity helps to determine the order of operations.

Associativity is the order in which an expression is evaluated that has multiple operators of the same precedence. Almost all the operators have left to right por associativity.

for Example,

* and // have the same precedence.

Hence, if both of them are present in an enfression,
the Ceft one is evaluated first.

For the exponential operator (**), associativity is from eight to left.

2** 3 ** 8 * * 4

- python will parenthesize the above codes as:

(2** (3** (8***4)))

Also, the not operator has right to left associations