

# Python Operator Precedence

From Python documentation on [operator precedence](#) (Section 5.15)

Highest precedence at top, lowest at bottom.

Operators in the same box evaluate left to right.

Operator	Description
()	Parentheses (grouping)
<i>f</i> (args...)	Function call
<i>x</i> [index:index]	Slicing
<i>x</i> [index]	Subscription
<i>x.attribute</i>	Attribute reference
**	Exponentiation
~ <i>x</i>	Bitwise not
+ <i>x</i> , - <i>x</i>	Positive, negative
*, /, %	Multiplication, division, remainder
+, -	Addition, subtraction
<<, >>	Bitwise shifts
&	Bitwise AND
^	Bitwise XOR
	Bitwise OR
in, not in, is, is not, <, <=, >, >=, <>, !=, ==	Comparisons, membership, identity
not <i>x</i>	Boolean NOT
and	Boolean AND
or	Boolean OR
lambda	Lambda expression

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