

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

Last modified: Wed Nov 3 14:03:03 EDT 2010