Python has three logical (Boolean) operators: or , and and not . The first two operators (or and and) take two operands and return a logical value True or False . The third operator (not) takes only one operand and returns the opposite logical value.

see the example in the table:

X	Y	Not x	X or Y	X and Y
True	True	False	True	True
True	False	False	True	False
False	True	True	True	False
False	False	True	False	False

see the example in script in logical-operators.py