Logical operators are used to performing logical “AND”, “OR” and “NOT” operations, i.e. the function similar to AND gate and OR gate in digital electronics.

Hence the operators are: &&, || and !

|  |  |
| --- | --- |
| **Operators** | **Use** |
| **Cond1 && Cond2** | Returns true when both cond1 and cond2 are true (i.e. non-zero). |
| **Cond1 || Cond2** | If even one of the two condition yields true, the operator results true. To make the result false, both the constraints need to return false. |
| **!Condition** | If the condition is false, the operation returns true and when the condition is true, the operation returns false. |

Example:

