***Logical operator***

There are basic three logical operator and, or ,not. All these depend on the truth value of the given input that can either be true or false. Everything in python is considered to be true except, ‘ ‘(that is blank string), ‘None’ and 0….. this three gives the Boolean output as false that this are treated as false.

and- it checks the first value if its true then it checks the second and returns that as output. If value of 1st is false then it returns that as output

or- it returns whichever value is true .but if both values are false then (0,’ ’,None) then it will return that value.

Not-it gives Boolean output. If the truth value of input is true then it will return false and vice-versa

Example:

10 and 5

5

0 and 5

0

5 or 0

5

0 or 0

0

not 5

False

not 0

True