Eg:
10 and 20
0 and 20

If first argument is zero then result is zero otherwise result is y

x or y:

If x evaluates to True then result is x otherwise result is y

10 or 20 ==> 10
0 or 20 ==> 20

not x:

If x is evalutates to False then result is True otherwise False

not 10 ==>False

not 0 ==>True

Eg:

1) **"durga" and "durgasoft"** ==>durgasoft
2) **"" and "durga"** ==>""
3) **"durga" and ""** ==>""
4) **"" or "durga"** ==>"durga"
5) **"durga" or ""** ==>"durga"
6) **not ""** ==>True
7) **not "durga"** ==>False

Bitwise Operators:

We can apply these operators bitwise.
These operators are applicable only for int and boolean types.
By mistake if we are trying to apply for any other type then we will get Error.

&,|,^,~,<<,>>

print(4&5) ==>valid
print(10.5 & 5.6) ==>
        TypeError: unsupported operand type(s) for &: 'float' and 'float'

print(True & True) ==>valid