

# # Logical Operators

$\hookrightarrow$  and  
 $\hookrightarrow$  or  
 $\hookrightarrow$  not

Input 1	and	Input 2	O/P
True	and	True	True
False	and	True	False
True	and	False	False
False	and	False	False

Input 1	OR	Input 2	O/P
True	or	True	True
True	or	False	True
False	or	True	True
False	or	False	False

NOT :-	
True	False
False	True

$\lambda_1, \dots, \lambda_n$

eg:-  $2 > 3$  and  $3 > 2$

output:- false

eg:-  $4 > 3$  and  $3 > 2$

output:- true

eg:-  $4 > 3$  OR  $3 > 2$

output true

eg:-  $2 > 3$  ~~and~~ OR  $3 > 2$

output:- true

eg:- not true

output:- false

eg:- not false

output:- true