

Logical Operators

- If you are having more than one conditional statements and wants to join them, then this concept is called compound conditional statement and the operations using which this can be done is called Logical Operator

Logical Operators are :

&& AND

|| OR

! NOT

- && , || is used to make compound conditional statements
- while ! is used for negations that is make a true statement false and vice versa
- The values of AND , OR depends on their truth values because they are logical

&& - AND

T-shirt	Cap	T-shirts AND Cap
T	T	T
T	F	F
F	T	F
F	F	F

- In AND if one is FALSE everything is FALSE

|| - OR

- In OR if one is TRUE everything is TRUE

T-shirt	Cap	T-shirts OR Cap
T	T	T
T	F	T
F	T	T
F	F	F

! - NOT

T-shirt	! T-shirt
T	F
F	T