

Comparison and logical operators Notes

Tutorial 10, Session 10.2

1. **Comparison operators**

= (is equal to)

> (is greater than)

>= (is greater than or equal to)

!= (is not equal to)

Instead of the symbol "=" meaning "is equal to", in JavaScript the symbol "===" means "is equal to".

2. **Logical operators**a. **and: &&**

x	y	x && y
T	T	T
T	F	F
F	T	F
F	F	F

&& (and) is true only when both are true

b. **or: ||**

x	y	x y
T	T	T
T	F	T
F	T	T
F	F	F

|| (or) is true when at least one is true

c. **not is the symbol !**

x	!x
T	F
F	T

If x is T then !x is F and

If x is F then !x is T

Examples:

!T = F

!F = T