Java Script Operations

- · Arithmetic Operators · Assignment Operators · Companson Operators

- · Logical operators
- · Conditional operators · Type Operators

Anthmotic 4=5 Example	
	Result
+ addition x=y+2	7=5, X=7
- Subtraction x=4-2	4-9, x=3
* multiplication x=4*2	4=5, X=10
** Exponentiation x= 4** 2	4-5, X=25
/ Division $x=1/2$	4=5, x=25
% Remainder X=7% 2	7=5, x= 1
++ Pre increment x=+44	4=6, x=6
++ Post increment $x=y++$	4=6, x=5
Pre decrement x=y	4=4, x=4
Post decrement X= Y	4=4 x=5

Assign	ment x=10	Y= S	
=	Example	Same As	Result.
+=	x = y	x = y	X=5 X=15
- =	x-=4	x = x - y	x = 5
* =	×*=7	x=xxy	x=50
1=	×/=7	x = x/y	x = 2
% =	×%=4	x = x %y	X = 0
•	X:45	Size . X=45	X = 45

Given that t1 = "Good! t2 = "Morning!" and t3 = "" Example 12 12 13 "Good" "Good Morning" "Good Morning" **1**1+= 62 "Good Morning" "morning"

Comparison
$$x=5$$

$$= \frac{\text{equal to}}{\text{equal to}} \frac{\text{Companing}}{\text{Ketums}}$$

$$= \frac{\text{equal to}}{\text{companing}} \frac{\text{Returns}}{\text{false}}$$

$$= \frac{\text{equal to}}{\text{equal to}} \frac{\text{x}==8}{\text{false}} \frac{\text{false}}{\text{false}}$$

$$= \frac{\text{equal value type}}{\text{equal value type}} \frac{\text{x}===5}{\text{false}} \frac{\text{true}}{\text{true}}$$

$$! = \frac{\text{not equal value or type}}{\text{or type}} \frac{\text{x}!==5}{\text{false}} \frac{\text{false}}{\text{true}}$$

$$! = \frac{\text{not equal value or type}}{\text{or type}} \frac{\text{x}!==5}{\text{false}} \frac{\text{false}}{\text{true}}$$

$$| = \frac{\text{greater or equal to}}{\text{false}} \frac{\text{true}}{\text{false}}$$

$$| = \frac{\text{greater or equal to}}{\text{false}} \frac{\text{false}}{\text{false}}$$

$$| = \frac{\text{greater or equal to}}{\text{false}} \frac{\text{false}}{\text{false}}$$

Conditional (Termany)

(condition)? X:Y (Z & 18)? X:Y

Logical
$$x=6$$
 $y=3$

Example

($x<1038$ $y>1$) is true

($x==5$ 11 $y===5$) is fake

1 Not $(x===1)$ is true

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