

back string Var x=5; Var y=5; Console log (* Is both the n4 y are equal: \$\geq n==y\frac{2}{3}); Comp Arithmetic Operators (+,-,*, 1.,1) · An arithmetic Operator takes numinical values. (either literal or variables) as their operands and returns a single numric value. Addition (onsole.log(3+3);/ => 6 Substraition consode log $(10-5) \Rightarrow 5$ Divison console log $(20/5) \Rightarrow 4$ Multiply console log $(3*6) \Rightarrow 30$ Modulus Console. log (Remaindin Operator " + 81%. 8); >1 1. Increament and operator Decreament operator operators: x++ os++n os x--os--x postfin: Its meons operator after operand, The increament operators - increament of returnsthe value before incrementing. Var new Num = 63 num++; Same Decreement Console. log (num); > 16 (ansolidas (num +1); =>

25,20	
(3 2011 (4EA)	prefix: postfix - first using original value of variable A then variable is increament. First increament then the expression evaluated.
Same	Programem -; Var num = 15; Var newNum = ++num; Decreen Decreen Console.log (num); =>16 14
3,	Comparison - A Comparison operator Compar Ms operand and return a logical value bosed on whether the comparison frue. Var a = 30; Var b = 10;
	(consale. $\log(a = b) \Rightarrow False$ b) Not Equal (\neq) (console. $\log(a = b) \Rightarrow False$ (console. $\log(a = b) \Rightarrow False$
	c) Greater Than (>) (onsale.log (a>b) => True d) Less Than (onsale.log (a Lb) => False.

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e) Greater Than or equal (>=)

Console.log (a>=b) => True Less than or equal (<=) Consale. $log (a = b) \Rightarrow False.$ (a=2b) wrong method 4. Logical Operator · Logical operators are usually hypically used boolean (Logical) values: · return in boolean value. Var a = 30 a) Logical AND (44) as There are both all operand true. b) Logical OR (11)
In this only one or more True. c) Logical NOT (!) It is take vice-versa True -> false false -> Tru console log (a>b 44 b>-50 44 b20) (onsole. log ((a>b) 11 (b>0) 11 (b>0)); > True Consale. log (!(a>0) 11 (b<0)); fale > True

Concetenation 5. String 1 Operator ex The cocanetation operates (#) two notenotes returning o

Two string add use (on catenotes the hurning as a union two Concetenates returning o '+ returning as a union two operand Strings. console log (Hello Warld") -> Hello Warld

console log ("Mello" + World") -> Mello Warld Console log ("Hello" + "Warld") > Hello Warld

4. => Challenging Time a > What will be output 3 * *3? exponential Exponentiation

Exponentiation

Consale. log (3**3) => 27 (onsale.log (10 * *-1) ⇒ 1/10

b) what will be output, when we add a number and Strings? (onsole.log (S+"thopa") => 5 thopa (onsole.log (S-"thopa" => NaN

Write a programme to swap two number? Var a = S; output Var a = 10; var a = 10Var b = S

//_

d \Rightarrow Write a programme to swap two number without using third variable?

Var a = 5;

Var b = 10;

Var c = b;

Var c = b; a = c;

Console. c ("The value of a a "; a = c); c console. c ("The value of a a a "; a = c);

-Interviw question

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(Double Equal) = = this mean value is equal. (Tripple Equal) = = this mean value of data Type same