OPERATORS IN JAVASCRIPT

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OPERATORS IN JS

○ JavaScript supports various types of operators, which are used for performing different operations on variables and values.

○ Here's an overview of all the operators in JavaScript with clear examples for each:

- ○ Arithmetic Operators
- ○ Assignment Operators
- ○ Comparison Operators
- ○ Logical Operators
- ○ Unary Operators
- ○ Ternary Operators
- ○ Increment & Decrement Operator
- ○ String Concatenation Operator

ARITHMETIC OPERATORS

- Addition(+)
- Subtraction (-)
- Multiplication (*)
- Division (/)
- Modulus (%)
- Exponentiation (**)

ASSIGNMENT OPERATORS

- Assignment (=)
- Addition Assignment (+=)
- Subtraction Assignment (-=)
- Multiplication Assignment (*=)
- Division Assignment (/=)
- Modulus Assignment (%=)

COMPARISON OPERATORS

- Equal (==) (5 == '5') True
- Strict Equal (===) (5 === '5') False
- Not Equal (!=)
- Strict Not Equal (!==)
- Greater than (>)
- Less than (<)
- Greater than or equal to (>=)
- Less than or equal to (<=)

LOGICAL OPERATORS

- AND (&&)
- OR (||)
- NOT (!)

UNARY OPERATORS

- Unary Plus (+)
  - Var x = '5';
  - Console.log(+x); //Output 5
- Unary Negation(-)
  - Var x = '5';
  - Console.log(-x); // Output -5

Ternary Operators(Conditional Operator)

- Var age = 20;
- Var status = (age >= 18) ? 'adult' : "minor";
- Console.log(status);

Increment & Decrement Operators

- Increment:
  - Var a = 10;
  - a++;
  - Console.log(a); // Output 11
- Decrement:
  - Var a = 10;
  - a--;
  - Console.log(a); // Output 9

String Concatenation Operator

- Var a = "Hello";
- Var b = "World";
- Var greet = a + ' ' + b;
- Console.log(greet);