

JavaScript Operators

- description : JavaScript Operators
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Source of the article

[JavaScript Operators](#)

Example

(variables) , .

```
var x = 5; // 5 x
var y = 2; // 2 y
var z = x + y; // 7 z (5 + 2)
```

(assignment) (=) .

Assignment()

```
var x = 10;
```

(addition) (+) .

Adding

```
var x = 5;
var y = 2;
var z = x + y;
```

(multiplication) (*) .

Multiplying

```
var x = 5;
var y = 2;
var z = x * y;
```

JavaScript Arithmetic Operators

(Arithmetic Operators)

Operator	Description
+	Addition ()
-	Subtraction ()
*	Multiplication ()
Exponentiation () (ES2016) / Division () % Modulus (Division Remainder) () ++ Increment () 가) - Decrement () =====JavaScript Assignment Operators===== ()) JavaScript	x = y x = x y
Operator ^ Example ^ Same As ^ = x = y x = y += x += y x = x + y -= x -= y x = x - y *= x *= y x = x * y /= x /= y x = x / y %= x %= y x = x % y =	

(+=)

Assignment

```
var x = 10;
x += 5; // x = x + 5 = 10 + 5 = 15
```

JavaScript String Operators

+ (strings) ()

Example

```
var txt1 = "John";
```

```
var txt2 = "Doe";
var txt3 = txt1 + " " + txt2; // txt3 : John Doe
```

`+=` (string) () .

Example

```
var txt1 = "What a very ";
txt1 += "nice day"; // txt1 : What a very nice day
```

`+=` , % %+ % (concatenation operator)

Adding Strings and Numbers

Example

```
var x = 5 + 5; // x = 10
var y = "5" + 5; // y = 55
var z = "Hello" + 5; // z = Hello5
```

JavaScript Comparison Operators

(Comparison Operators)

Operator	Description
<code>==</code>	equal to ()
<code>===</code>	equal value and equal type ()
<code>!=</code>	not equal ()
<code>!==</code>	not equal value or not equal type ()
<code>></code>	greater than ()
<code><</code>	less than (,)
<code>>=</code>	greater than or equal to ()
<code>≤</code>	less than or equal to ()
<code>?</code>	ternary operator ()

JavaScript Logical Operators

(Logical Operators)

Operator	Description
&&	logical and ()
	logical or ()
!	logical not

JavaScript Type Operators

Operator	Description
typeof	.
instanceof	가 true

., Javascript, Operators

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