

JavaScript Variables

- description : JavaScript Variables
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JavaScript

, x, y z var

```
var x = 5;
var y = 6;
var z = x + y;
```

- x 5
- y 6
- z 11

Using let and const (ES6)

2015 var JavaScript

2015 JavaScript (ES6) const
let

var 가

Safari 10 Edge 14 ES6

Much Like Algebra

, price1, price2, total

```
var price1 = 5;
```

```
var price2 = 6;
var total = price1 + price2;
```

가 , price1 .

가 , expressions (total = price1 + price2).

11 .

JavaScript .

JavaScript Identifier

JavaScript variables unique names identified .

identifiers .

(: x y) (age, sum, totalVolume) .

() .

- , , 가 .
- .
- \$ _ , .
- (y Y) .
- (: JavaScript) .

JavaScript .

The Assignment Operator

JavaScript (😄 “ ” 가 “ assignment .

가 .

```
x = x + 5
```

JavaScript 가 . x + 5 x .

(x + 5 x . x 5 가 .)

“ ” JavaScript == .

JavaScript Data Types

The diagram illustrates the relationship between JavaScript, text strings, and a variable named "John Doe". It features three main components: a box labeled "JavaScript" with a value of 100, a box labeled "text strings" with a value of 100, and a box labeled "John Doe" with a value of 100. Arrows indicate connections between these boxes, suggesting a flow or relationship between the data types and the variable.

```
var pi = 3.14;  
var person = "John Doe";  
var answer = 'Yes I am!';
```

Declaring (Creating) JavaScript Variables

```
JavaScript " " .
var JavaScript .
```

```
var carName;
```

(, undefined 가)

assign (😊) .

```
carName = "Volvo";
```

```
var carName = "Volvo";
```

```

    , carName
    , "Volvo"
    .
    id = "demo" HTML
    " "
    .

```

<p id="demo"></p>

```
<script>
var carName = "Volvo"
document.getElementById("demo").innerHTML = carName;
</script>
```

One Statement, Many Variables

var , comma

```
var person = "John Doe", carName = "Volvo", price = 200;
```

```
var person = "John Doe",
    carName = "Volvo",
    price = 200;
```

Value = undefined

```
var carName, price,
    carName = "Volvo", price = 200,
    price = undefined,
    carName = undefined;
```

```
var carName;
```

Re-Declaring JavaScript Variables

JavaScript ,

carName

"Volvo"

.

```
var varName = "Volvo";
var carName;
```

JavaScript Arithmetic

가 , = +

JavaScript

arithmetic

.

```
var x = 5 + 2 + 3;
```

가 ,

```
var x = 5;
var y = 6;
var z = x + y;
```

.

- x 5 .
- y 6 .
- z 11 .

Using let and const (ES6)

2015

var

JavaScript

.

2015

JavaScript (ES6)

const

,

let

.

,

var 가

.

Safari 10

Edge 14

ES6

.

Much Like Algebra

, price1, price2, total .

```
var price1 = 5;
var price2 = 6;
var total = price1 + price2;
```

가 , price1 .
가 , expressions (total = price1 + price2).

11 .

JavaScript .

JavaScript Identifier

JavaScript variables unique names *8 identified .
identifiers .
(: x y) (age, sum, totalVolume) .
() .
* \$, , 가 . * . *
(y Y) . * (: JavaScript) .
JavaScript .

====The Assignment Operator==== JavaScript (😄 “ ” 가 “
assignment .

가 .
<code javascript> x = x + 5 </code>
JavaScript 가 x + 5 x .

(x + 5 x . x 5 가 .)
“ ” JavaScript ==

====JavaScript Data Types==== JavaScript 100 “John Doe”

text strings .

JavaScript , .
.
.

```
<code javascript> var pi = 3.14; var person = "John Doe"; var answer = 'Yes I am!';
</code>
```

=====Declaring (Creating) JavaScript Variables===== JavaScript

var JavaScript

```
<code javascript> var carName; </code>
```

(, undefined 가)

assign



```
<code javascript> carName = "Volvo"; </code>
```

```
<code javascript> var carName = "Volvo"; </code>
```

, carName "Volvo" .\n id = "demo" HTML " " .

```
<code javascript> <p id="demo"></p> <script> var carName = "Volvo"
document.getElementById("demo").innerHTML = carName; </script> </code>
```

=====One Statement, Many Variables=====

var , comma **,

```
var person = "John Doe", carName = "Volvo", price = 200;
```

```
var person = "John Doe",
carName = "Volvo",
price = 200;
```

Value = undefined

, ,
undefined .

carName undefined .

```
var carName;
```

Re-Declaring JavaScript Variables

JavaScript

carName

"Volvo"

```
var varName = "Volvo";  
var carName;
```

JavaScript Arithmetic

가 , = +

JavaScript

arithmetic

```
var x = 5 + 2 + 3;
```

가

```
var x = "John" + " " + "Doe";
```

```
var x = "5" + 2 + 3;
```

```
var x = 2 + 3 + "5";
```

JavaScript Dollar Sign \$

JavaScript ()

- (A-Z a-z)
- (\$)
- (_)

