

# JavaScript Variables

- description : JavaScript Variables
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# JavaScript Variables

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

JavaScript 100 “John Doe”  
 , \_\_\_\_\_ text strings .

JavaScript , . . . , . . .

```
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

```
    ,      ,      .  
    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 .

<code javascript> x = x + 5 </code> 가 .  
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"
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)
- (\$)
- (\_)

JavaScript

, \$

.

```
var $$$ = "Hello World";
var $ = 2;
var $myMoney = 5;
```

JavaScript <sup>%5JavaScript</sup> <sup>main function</sup> <sup>alias</sup>  
 .\ \ JavaScript jQuery , "\$" HTML  
 .\ jQuery "\$("p");%%" " p "

, Javascript, Variables

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