

# 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

The diagram consists of three main elements arranged horizontally: "JavaScript", "100", and "John Doe".

- Below "JavaScript" is a horizontal line with a comma at its right end.
- Below "100" is a horizontal line with a period at its right end.
- Below "John Doe" is a horizontal line with a period at its right end.

There are three additional horizontal lines positioned below the first three lines:

- A line starting from the comma under "JavaScript" and extending to the right.
- A line starting from the period under "100" and extending to the right.
- A line starting from the period under "John Doe" and extending to the right.

The label "text strings" is placed above the line that starts from the period under "100".

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

## Declaring (Creating) JavaScript Variables

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

```
var carName;
```

( , undefined 가 )  
( 😊 .

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

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

var carName = "Volvo";  
document.getElementById("demo").innerHTML = carName;

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

## One Statement, Many Variables

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

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

## Value = undefined

var carName;  
document.getElementById("demo").innerHTML = carName;

```
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> 가 x + 5 x .

JavaScript

(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)
- (\$)
- (\_)

JavaScript, \$ .

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

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

, Javascript, Variables

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