

# 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".

- JavaScript**: Located on the left side.
- 100**: Located in the center.
- "John Doe"**: Located on the right side.

Below these elements, there are several horizontal lines and dots:

- A horizontal line is positioned below "JavaScript".
- A horizontal line is positioned below "100".
- A horizontal line is positioned below "John Doe".
- There are several dots (periods) scattered below the lines, including one to the right of "John Doe".

```
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;
```

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

## Value = undefined

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

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

, Javascript, Variables

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