

# JavaScript For Loop

- description : JavaScript For Loop
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## the source of this article

JavaScript For Loop  
(Loops)

## JavaScript Loops

가

### Instead of writing

```
text += cars[0] + "<br>";
text += cars[1] + "<br>";
text += cars[2] + "<br>";
text += cars[3] + "<br>";
text += cars[4] + "<br>";
text += cars[5] + "<br>";
```

### You can write

```
let cars = ["BMW", "Volvo", "Saab", "Ford", "Fiat", "Audi"];
let text = "";
let i;
for (i = 0; i < cars.length; i++) {
  text += cars[i] + "<br>";
}
document.getElementById("demo").innerHTML = text;
```

## Different Kinds of Loops

JavaScript

- for -
- for/in -
- for/of - 가 (iterable, )
- while - true
- do/while - true

## The For Loop

for

```
for (statement 1; statement 2; statement 3) {  
    // code block to be executed  
}
```

**Statement 1** ( )

**Statement 2**

**Statement 3** ( )

```
let text = "";  
let i;  
for (i = 0; i < 5; i++) {  
    text += "The number is " + i + "<br>"  
}  
document.getElementById("demo").innerHTML = text;
```

Statement 1 가 (var i = 0).

Statement 2 (i < 5 ).

Statement 3 (i++) 가 .

## Statement 1

statement 1 (i = 0).

, JavaScript . statement 1  
 statement 1 ( ) .

```
let cars = ["BMW", "Volvo", "Saab", "Ford"];
let i, len, text;
for (i = 0, len = cars.length, text = ""; i < len; i++) {
  text += cars[i] + "<br>";
}
document.getElementById("demo").innerHTML = text;
```

loop가 statement 1 .

```
let cars = ["BMW", "Volvo", "Saab", "Ford"];
let i = 2;
let len = cars.length;
let text = "";

for (; i < len; i++) {
  text += cars[i] + "<br>";
}
document.getElementById("demo").innerHTML = text; // Saab<br>Ford
```

## Statement 2

statement 2 가 .  
 , JavaScript . statement 2

statement 2가 true 가 , false 가 .

```
statement 2 , break .
```

## Statement 3

statement 3 가 .  
 , JavaScript statement 3  
 statement 3 가 (i--), 가 (i = i + 15) .

statement 3 ( : 가 ):

```
let cars = ["BMW", "Volvo", "Saab", "Ford"];  
  
let i = 0;  
let len = cars.length;  
let text = "";  
  
for (; i < len;) {  
    text += cars[i] + "<br>";  
    i++;  
}  
document.getElementById("demo").innerHTML = text;
```

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