

# JavaScript Loop For In

- description : JavaScript Loop For IN
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[JavaScript Loop For In](#)

JavaScript for/in

## Syntax

```
for (key in object) {  
    // code block to be executed  
}
```

```
let txt = "";  
let person = { fname: "John", lname: "Doe", age: 25 };  
let x;  
for (x in person) {  
    txt += person[x] + " ";  
}  
document.getElementById("demo").innerHTML = txt; // John Doe 25
```

- **for in**        person
- (x)
- person[x]

## For/In Over Arrays

## JavaScript for/in

### Syntax

```
for (variable in array) {  
  code  
}
```

```
let txt = "";  
let numbers = [45, 4, 9, 16, 25];  
let x;  
for (x in numbers) {  
  txt += numbers[x] + "<br>";  
}  
document.getElementById("demo").innerHTML = txt; //  
45<br>4<br>9<br>16<br>25
```

**\*\*가** **\*\*%for in%** .  
가 , **\*\*for\*\*** , **\*\*for of\*\*** , **\*\*Array.forEach()\*\***

### Array.forEach()

forEach() ( ) .

```
let txt = "";  
let numbers = [45, 4, 9, 16, 25];  
numbers.forEach(myFunction);  
document.getElementById("demo").innerHTML = txt;  
  
function myFunction(value, index, array) {  
  txt = txt + value + "<br>"; // 45<br>4<br><br>9<br>16<br>25<br>  
}
```

3 (arguments) .

- The item value

- The item index
- The array

value

```
let txt = "";  
let numbers = [45, 4, 9, 16, 25];  
numbers.forEach(myFunction);  
document.getElementById("demo").innerHTML = txt;  
  
function myFunction(value) {  
  txt = txt + value + "<br>"; // 45<br>4<br><br>9<br>16<br>25<br>  
}
```

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