

# JavaScript Loop For In

- description : JavaScript Loop For IN
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## 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          * * * * *  
      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>9<br>16<br>25<br>
}
```

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