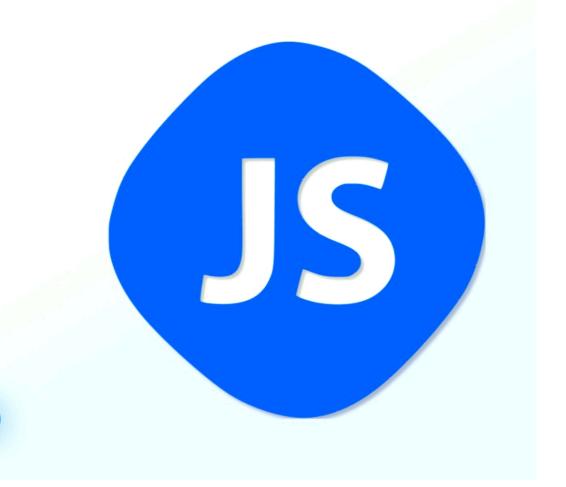
7 Loop Types in JavaScript





Hey Everyone 👋

In this Post, we'll go through different ways of Looping In Javascript with the help of examples.

- for
- · while
- · do-while
- forEach
- map
- · for-of
- · for-in

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JavaScript for loop

• Syntax of the for loop:

```
for (initialExpression; condition; updateExpression) {
    // for loop body
}
```

```
const cars = ["TaTa", "Volvo", "BMW"];
for (let i = 0; i < cars.length; i++) {
   console.log(cars[i]);
}</pre>
```



JavaScript while loop

• Syntax of the while loop:

```
while (condition) {
    // body of loop
}
```

```
const cars = ['TaTa', 'Volvo', 'BMW'];
let i = 0;
while (i < cars.length) {
  console.log(cars[i]);
  i++;
}</pre>
```



JavaScript do-while loop

Syntax of the do-while loop:

```
do {
    // body of loop
} while(condition)
```

```
const cars = ['TaTa', 'Volvo', 'BMW'];
let i = 0;

do {
   console.log(cars[i]);
   i++;
} while (i < cars.length);</pre>
```



JavaScript forEach loop

• Syntax of the forEach loop:

```
array.forEach(function(currentValue, index, arr))
```

```
const cars = ['TaTa', 'Volvo', 'BMW'];

cars.forEach((ele) ⇒ {
  console.log(ele);
});
```



JavaScript map

• Syntax of the map:

```
array.map(function(currentValue, index, arr), thisValue)
```

```
const cars = ['TaTa', 'Volvo', 'BMW'];

const newCars = cars.map((ele) ⇒ {
  return ele.toUpperCase()
});
```



JavaScript for-of loop

• Syntax of the for-of loop:

```
for (element of iterable) {
   // body of for...of
}
```

```
const cars = ['TaTa', 'Volvo', 'BMW'];
for (let ele of cars) {
  console.log(ele);
}
```



JavaScript for-in loop

• Syntax of the for-in loop:

```
for (key in object) {
   // body of for...in
}
```

```
const cars = {1:'TaTa', 2:'Volvo', 3:'BMW'};
for (let key in cars) {
  console.log(cars[key]);
}
```

