

# 7 Loop Types in JavaScript

A large blue circle with a white outline. Inside the circle, the letters "JS" are written in a bold, white, sans-serif font.

JS

# 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]);  
}
```

# 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++;  
}
```

# 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);
```

# 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]);  
}
```

@CODE.CLASH

# THANKS FOR YOUR ATTENTION



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LATER**