

Swipe →

For Loops in JavaScript



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for...

```
let myArray = [0, 1, 2, 3]

for (let i = 0; i < myArray.length; i++) {
  console.log(myArray[i])
}
```

Output:

0
1
2
3

Useful for executing code a desired number of times or for iterating through elements (arrays, strings, Maps, etc.)

for... each

```
let myArray = [0, 1, 2, 3]

myArray.forEach(num => {
  console.log(num)
})
```

Output:

0
1
2
3

Useful for iterating through arrays

for... in

```
let myObject = {  
  key1: 'value1',  
  key2: 'value2',  
  key3: 'value3'  
}  
  
for (let key in myObject) {  
  console.log(key, myObject[key])  
}
```

Output:

```
'key1' 'value1'  
'key2' 'value2'  
'key3' 'value3'
```

Useful for accessing key/value pairs in objects

for... of

```
let myArray = [0, 1, 2, 3]

for (let num of myArray) {
  console.log(num)
}
```

Output:

0
1
2
3

Useful for iterable elements (arrays, strings,
Maps, etc.)

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