

Lesson

Monday

Introduction to Programming

(/introduction-to-programming)

/ Arrays and Looping (/introduction-to-programming/arrays-and-looping)

/ forEach Loops

Text

Cheat sheet

Examples

Logging Values to the Console:

```
const array = [0,1,2,3,4,5];
array.forEach(function(number) {
  console.log(number * 2);
});
```

Creating a New Array with Modified Elements

```
const array = [0,1,2,3,4,5];
let doubledArray = [];
array.forEach(function(element) {
  doubledArray.push(element * 2);
});
```

Using a Loop to Sum Numbers

```
const array = [0,1,2,3,4,5];
let sum = 0;
array.forEach(function(element) {
  sum += element;
});
```

Using a Loop to Make a String

```
let thingsILike = "I like...";
const arrayOfThingsILike = ["bubble baths", "kittens", "good books", "clean code"];
arrayOfThingsILike.forEach(function(thing) {
  thingsILike = thingsILike.concat(" " + thing + "!");
});
```

Using A Loop to Add Elements to the DOM

```
const arrayOfThingsILike = ["bubble baths", "kittens", "good books", "clean code"];
const ul = document.querySelector("ul#likable-things");
arrayOfThingsILike.forEach(function(thing) {
  const li = document.createElement("li");
  li.append(thing);
  ul.append(li);
});
```

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