

Updating an Array's Content

This lesson will teach you how to modify the contents of an array.

We'll cover the following



- Adding an Element to an Array
- Removing an Element from an Array

Adding an Element to an Array

Don't lie to me: you've just watched Ghostbusters yet another time. Let's add it to the list. Here's how you'd do so.

```
1 const movies = ["The Wolf of Wall Street", "Zootopia", "Babysitting"];
2 movies.push("Ghostbusters");
3 console.log(movies[3]); // "Ghostbusters"
```



You add a new item to an array with the `push()` method. The new element to be added is passed as a parameter to the method. It is inserted at the end of the array. To add an element at the beginning of an array, use the `unshift()` method instead of `push()`.

```
1 const movies = ["The Wolf of Wall Street", "Zootopia", "Babysitting"];
2 movies.unshift("Pacific Rim");
3 console.log(movies[0]); // "Pacific Rim"
```



Removing an Element from an Array

You can remove the last element of an array using the `pop()` method.

```
1 const movies = ["The Wolf of Wall Street", "Zootopia", "Babysitting"];
```



```
2 movies.pop(); // Remove the last array element
3 console.log(movies.length); // 2
4 console.log(movies[2]); // undefined
```



Alternatively, you can use the `splice()` method with two parameters: the first one is the index from which to begin removing, and the second one is the number of elements to remove.

```
1 const movies = ["The Wolf of Wall Street", "Zootopia", "Babysitting"];
2 movies.splice(0, 1); // Remove 1 element starting at index 0
3 console.log(movies.length); // 2
4 console.log(movies[0]); // "Zootopia"
5 console.log(movies[1]); // "Babysitting"
```

