

Introduction to Arrays

This lesson is a brief introduction to Arrays in JavaScript.

Imagine you want to create a list of all the movies you've seen this year. One solution would be to create several variables:

```
1 const movie1 = "The Wolf of Wall Street";
2 const movie2 = "Zootopia";
3 const movie3 = "Babysitting";
4 // ...
```



If you're a movie buff, you may find yourself with too many variables in your program. The worst part is that these variables are completely independent from one another. Another possibility is to group the movies in an object.

```
1 const movies = {
2   movie1: "The Wolf of Wall Street",
3   movie2: "Zootopia",
4   movie3: "Babysitting",
5   // ...
6 };
```



This time, the data is centralized in the object `movies`. The names of its properties (`movie1`, `movie2`, `movie3` ...) are, however, unnecessary and repetitive. You need a solution to store items together without naming them individually! Luckily, there is indeed a solution: use an array. An *array* is a data type that can store a set of elements.