Pattern Matching with Arrays

In this lesson, we'll create patterns for arrays in order to access their elements.

As with all the data structures we've studied, arrays also support pattern matching.

Creating the Pattern

The pattern will follow the structure of the array. The number of identifiers in the pattern should be equal to the number of elements in the array.

Let's use destructuring to break an array down into its elements.

```
let arr = [| 20, 40, 60 |];
let [| first, second, third |] = arr;

Js.log(first);
Js.log(second);
Js.log(third);
```

By now, we are familiar with the basic tools offered to us by arrays. However, this is not at all an exhaustive list. More complex methods such as `map` or `filter` make the array a very flexible data structure to use when handling a large amount of data.

In the following lessons, you can test your understanding of Reason's data structures with a quiz!