Some more Loops

Other ways of writing loops are the For...in and For...of loop.

The for...in loop

Our next simplification is the `for…in` loop. Why bother iterating an `i` variable if a loop can take care of it for us?

```
for ( let i in values ) {
    sum += values[i];
}
```

The `for…in` loop enumerates all the available indices of the `values` array from `0` to `12` in ascending order.

The for...of loop

I have another simplification for you. What if I said, "why bother using a variable for iteration at all, if we could enumerate the values of the array?". In ES6, there is a loop called the `for…of` loop, which does exactly that.

```
for ( let value of values ) {
    sum += value;
}
```

That's all. Go back to the editor and substitute the for...in and the for...of constructs in place of your for loop. It works exactly the same way.