Iterators and Destructuring

destructuring using iterators and their behavior

When equating an array to an iterable, iteration takes place.

```
let lampIterator = getLampIterator();

let [head,] = lampIterator;

console.log( head, [...lampIterator] );
//> red []
```

The destructuring assignment is executed as follows:

- First, `lampIterator` is substituted by an array of form `[...lampIterator]`.
- Then the array is destructured, and `head` is assigned to the first element of the array.
- The rest of the values are consumed, but they are not assigned to any value on the left.
- As `lampIterator` was used to build an array with all elements on the right-hand side, `[...lampIterator]` is empty in the console log.

Now, let's learn how to combine generators in the next lesson.