JavaScript

ES6 Reduce

[🥚, 🐣, 🐔, 🔥] = 🍗

Special

Reduce

```
let numbers = [1, 2, 3, 4, 5, 6]

let sum = numbers.reduce((accumulator, current) => {
    console.log(current);
    return accumulator + current;
},0);


// output => 1, 2, 3, 4, 5, 6
console.log(sum); // output => 21
```

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The **Array.reduce()** method is used to reduce an array to a single value and iterate from *left to right*.

The **reduce()** method takes two arguments a reducer callback function and an optional initial value.

ReduceRight [2]

```javascript
let numbers = [1, 2, 3, 4, 5, 6]

let sum = numbers.reduceRight((accumulator, current) => {
    console.log(current);
    return accumulator + current;
},0);

// output => 6, 5, 4, 3, 2, 1
console.log(sum); // output => 21
```

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The **Array.reduceRight()** method is also used to reduce an array to a single value but it iterate from *right to left*.

The **reduceRight()** method takes two arguments a reducer callback function and an optional initial value.