Array Reduce

The reduce function takes an array, and reduces it to a particular criteria. I could use this function in cases where I need to find the sum of ints in an array, like the sum of prices, or I could even us it to find the min or the max in an array.

It takes in a few parameters. The first, is a callback function that returns a value for the next iteration to add to or change.

If I want an initial value (say for a problem that requires the sum), then I could add a second parameter. The second parameter could be a 0 if it's a sum, an [] if I want to return an array, or {} if I want to return an object, depending on the problem I need to solve.

Here's an example of using the reduce function:

1. Finding the employee that makes the most amount of money:

```
const employees = [
  {firstName: 'Victor', lastName: 'Shcherbina', position: 'Software Developer', salary: 100000},
  {firstName: 'Josie', lastName: 'Shcherbina', position: 'Janitor', salary: 50000},
  {firstName: 'Laurie', lastName: 'Frederickson', position: 'Piano Player', salary: 200000},
  {firstName: 'Marina', lastName: 'Shcherbina', position: 'Nurse', salary: 10000},
];

const highestSalary = employees.reduce((highestSalary, employee) => {
  console.log(highestSalary);
  console.log(employee);
  if(employee.salary > highestSalary.salary) {
    highestSalary = employee;
  }
  return highestSalary;
})
```