



IBTISSAM OULAHCHOUM



JavaScript for Beginners Series

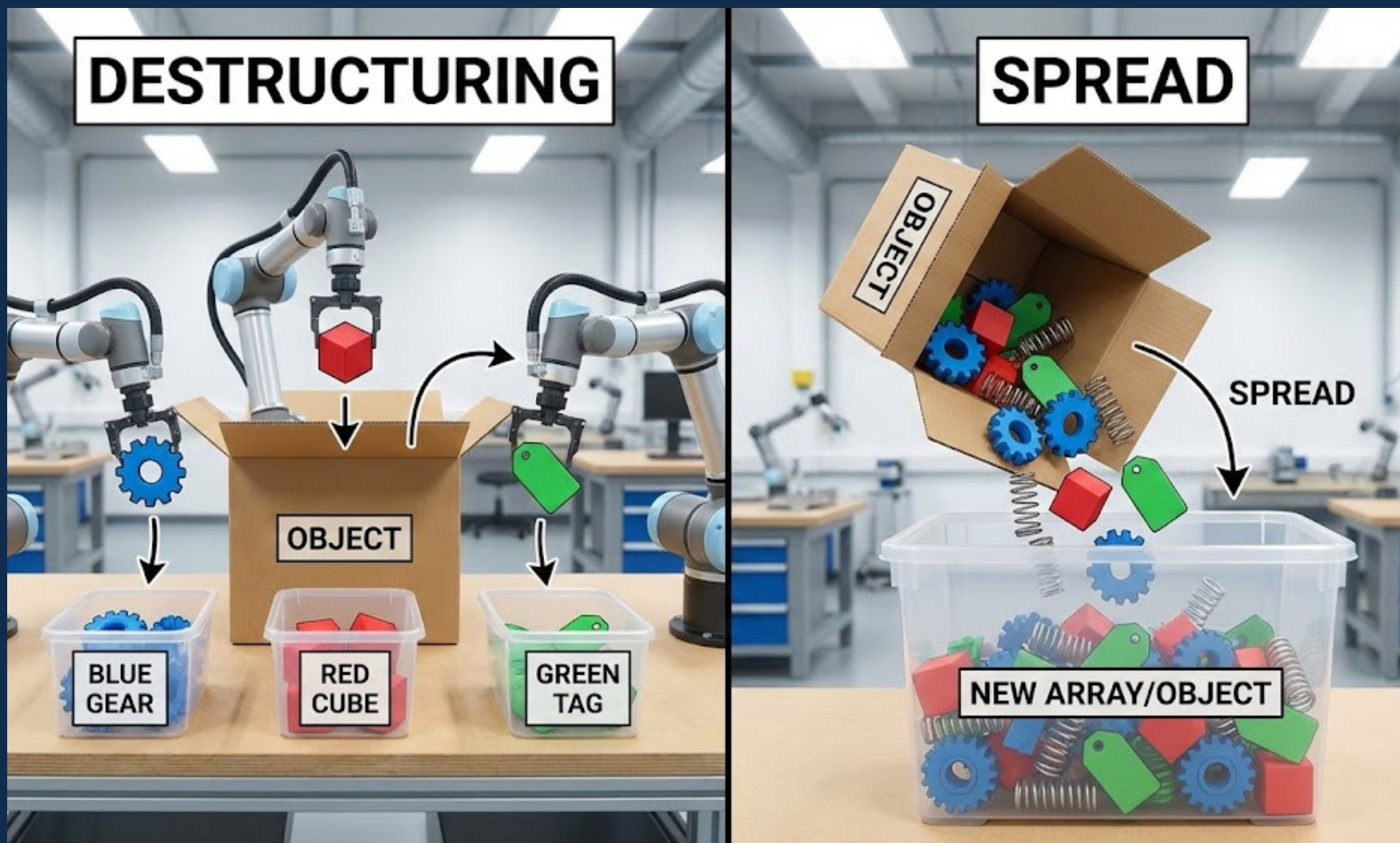
(مع شرح بالدارجة)

Part7





ES6+ Essentials (Destructuring & Spread)




in

1. Destructuring (Assignment)

Destructuring is a syntax that allows you to “unpack” values from arrays or properties from objects into distinct variables. It reduces the need for repetitive code like `person.name` or `person.age`.

javascript (ES6) هو واحد syntax ف
لي كيخليك تجبد Array values mn (extract) ولا
properties و تحطهم ف بطريقة سهلة و نقية

```
const user = { name: "Amine", age: 25, role: "Admin" };

// OLD WAY
// const name = user.name;
// const role = user.role;

// MODERN WAY (Destructuring)
// We extract 'name' and 'role' directly
const { name, role } = user;

console.log(name); // "Amine"
```




in

2. The Spread Operator (...)

The Spread operator (...) allows an iterable (like an array) to be expanded. It is widely used to create copies of objects or merge them without mutating (changing) the original source.

Spread operator کیشد Array او Object او کینشر المحتوى دیالو

```
const numbers = [1, 2, 3];

// Merging arrays
const newNumbers = [...numbers, 4, 5];
// Result: [1, 2, 3, 4, 5]

// Updating Objects (Common in React)
// Copies all properties from 'user', but overwrites 'age'
const updatedUser = { ...user, age: 26 };
```





QUESTION FOR YOU:

If you have an array `[1, 2]` and you want to add 0 at the beginning using the spread operator, how would you write it?

////////////////////////////////////





IBTISSAM OULAHCHOUM

See you in other parts :)

