Code Camp Tema 4

Índice

Programación orientada a objetos

- No he tenido muchos problemas al realizarlos.

Programación funcional

Ejercicio 6/24

```
// Change code below this line
function add(arr, bookName) {
  let newArr = [...arr];
  newArr.push(bookName);
  return newArr;


  // Change code above this line
}
```

```
// Change code below this line
function remove(arr, bookName) {
  let newArr = [...arr];
  if (newArr.indexOf(bookName) >= 0) {
    newArr.splice(newArr.indexOf(bookName), 1);
    return newArr;


var newBookList = add(bookList, 'A Brief History of Time');
var newerBookList = remove(bookList, 'On The Electrodynamics
of Moving Bodies');
var newestBookList = remove(add(bookList, 'A Brief History
of Time'), 'On The Electrodynamics of Moving Bodies');


  // Change code above this line
  }
}
```

- En este ejercicio aparte del array bookName había que poner otro con los 3 puntos para hacer una copia y pegarla en el nuevo array.

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Functional Programming 3

▼ Collapse course   ✔ 24/24

✔ Learn About Functional Programming

✔ Understand Functional Programming Terminology

✔ Understand the Hazards of Using Imperative Code

✔ Avoid Mutations and Side Effects Using Functional Programming

✔ Pass Arguments to Avoid External Dependence in a Function

✔ Refactor Global Variables Out of Functions

✔ Use the map Method to Extract Data from an Array

✔ Implement map on a Prototype

✔ Use the filter Method to Extract Data from an Array

✔ Implement the filter Method on a Prototype

Programación de algoritmos intermedios

Intermediate Algorithm Scripting

▼ Collapse course   ✔ 21/21

- ✔ Sum All Numbers in a Range
- ✔ Diff Two Arrays
- ✔ Seek and Destroy
- ✔ Wherefore art thou
- ✔ Spinal Tap Case
- ✔ Pig Latin
- ✔ Search and Replace
- ✔ DNA Pairing
- ✔ Missing letters
- ✔ Sorted Union

Algoritmos de JavaScript y proyectos de estructuras de datos

JavaScript Algorithms and Data Structures Projects

- ✅ Palindrome Checker

- ✅ Roman Numeral Converter

- ✅ Caesars Cipher

- ✅ Telephone Number Validator

- ✅ Cash Register

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This certifies that

Francisco Valcárcel Lardín

successfully completed the

Legacy JavaScript Algorithms and Data Structures V7

Developer Certification on November 26, 2025

representing approximately 300 hours of work

Quincy Larson
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