UNIT 1

JAVASCRIPT

Part 4 - Exercise

Client-side Web Development
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Author: Arturo Bernal Mayordomo

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Exercise JavaScript part 4

In this exercise, you'll have to adapt the previous exercise (week 3) to NPM, Vite and add a couple of features. Don't include the node_modules directory in the activity submission file. All dependencies except bootstrap and bootstrap-icons are development dependencies.

NPM and Vite

- Create a Vite project (Vanilla JavaScript) and place the previous exercise code there (remove the automatically generated code).

    - I'm giving you the index.html and add-event.html files again because of some minor changes explained later

- Install **boostrap** and **bootstrap-icons**

    - The CSS from those libraries is now linked from node_modules in the new HTML files

- Create a new ESLint configuration (using npm init)

    - Select the "To check syntax and find problems" option

    - Add some rules like camelcase, curly, and eqeqeq. Those rules will give an error if not followed (https://eslint.org/docs/latest/rules/).

- Rename the script dev to start,

    - Create a test script to run eslint and execute it before start.

- Add both index.html and new-event.html files to vite.config.js. When running npm run build, both should be present in the dist/ folder.

Choose 1 of the options below to implement

Handlebars template

- Inside the directory templates/ create a template called event.hbs. This template will generate the event's card HTML.

    - Don't forget to add the necessary event to the delete button after transforming the result (string) into DOM elements (template element).

- We will format all the info (date and price) before passing it to the template. Create a copy of the event object and format the data:

```
let eventJSON = {
    ...event,
    date: formattedDate,
    price: formattedPrice
};
```

Create a script to precompile the Handlebars template (explained in the next section). This script will execute before the test script.

HTML template

Instead of using Handlebars, create a <template> element with the card's HTML inside the index.html body. In your code, clone this template, assign values and events and insert the result in the container div.