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Iwa19 Presentation

Genre and Author's list code

Firstly the code had so many errors and splitted up.

In the first block of code, the line `element = 'All Genres'` should be `element.innerText = 'All Genres'`. This sets the text content of the `option` element to "All Genres".

In the second block of code, the `for` loop is incorrect. The `Object.entries()` method should be called on an object, but in this case, it's being called on the `genres` DocumentFragment, which is not an object. The correct approach would be to define an array of genre objects, such as `const genreOptions = [{ id: 1, name: 'Action' }, { id: 2, name: 'Comedy' }, ...]`, and then loop through this array using `for...of` loop or `forEach()` method.

Inside the loop, the line `document.createElement('option')` creates a new `option` element, but the reference to it is not stored in a variable. This line should be `const element = document.createElement('option')`.

The loop variable `i` is not defined.

The lines `element.value = value` and `element.innerText = text` are using undefined variables `value` and `text`. These values should be retrieved from the current genre object in the loop, such as `element.value = genre.id` and `element.innerText = genre.name`.

1. Finally, the `appendChild()` method should be called on the `element` variable inside the loop, not on the `genres` DocumentFragment. This line should be `genres.appendChild(element)`.

Theme Night/day button

1. In the first line, `window.matchMedia('(prefers-color-scheme: dark)').matches` should be enclosed in parentheses to make the conditional statement clearer. Additionally, the value of the ternary operator needs to be assigned to a variable or used in some way. Here's a corrected version of the line:

In the second line, the bitwise OR (`|`) operator is used instead of the logical OR (`||`) operator. This will not work as intended because `v` will always be set to either 'night' or 'day'.

In the third line, the assignment operator (`=`) is used instead of the comparison operator (`===`) when checking if the `data-list-button` value is equal to "Show more (books.length - BOOKS_PER_PAGE)". Additionally, this line should be terminated with a semicolon

4. It's not clear where the `css` object used in the `setProperty` method is defined. This may cause a ReferenceError. If this object is defined elsewhere in the code, it should be included here for clarity.

Books display

The first line of the `for` loop declares multiple variables without initializing them. The `extracted` variable is also not defined anywhere in the code, so the loop may not execute as expected

Inside the loop, there is another destructuring assignment that is trying to declare variables that have already been declared in the loop header. This will result in a syntax error.

3. The `authors` object is used to look up the author's name based on the `authorId`, but it's not clear where this object is defined or initialized. If this object is defined elsewhere in the code, make sure that it's accessible within the scope of this code.
4. The `innerHTML` property is used to insert HTML content into the button element, but this can be unsafe if the content comes from an untrusted source. Instead, it's recommended to create the elements using the `createElement` method and then add them to the button element using the `appendChild` method

All the buttons

The code provided is not valid JavaScript syntax, and it's unclear what the intended behavior is.

Added DOM elements.

Added the correct syntax.

I defined the   functions properly.

To display more details about a book

The function definition is not valid.

The `active` variable is not initialized.

The `for` loop is not properly initialized. I should initialize the loop counter `i` to 0 and the loop variable `node` to the first item in the `pathArray`.

The `if` statement condition is not valid. The `if` statement should have a condition that evaluates to a boolean value. You should use the `!!` operator to convert the `active` variable to a boolean value.