

WHY DID THE ORIGINAL CODE NOT WORK?

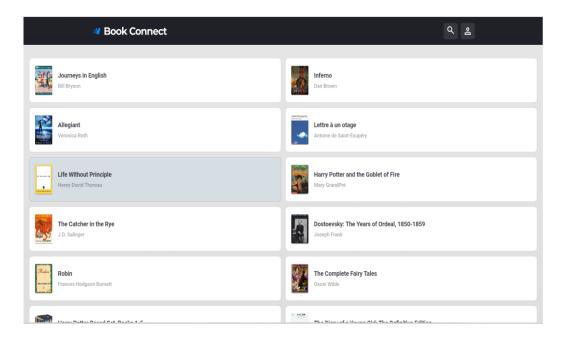
- Missing variable declarations.
- Incorrect assignments.
- Incorrect condition syntax.
- Missing paratheses for function calls.
- Incorrect object access.
- Incorrect use of back ticks for template literals.
- Incorrect usage of query Selector and missing quotes.
- Data was not imported from data.js.

```
Go Run Terminal Help
                                                          scripts.is - book-connect - Visual Studio Code
                   JS scripts.js C:\...\book-connect-main 9+ X  or index.html M
C: > Users > softwaredeveloper28 > AppData > Local > Temp > Temp1_book-connect-main.zip > book-connect-main > J5 scripts.js
        matches = books
        page = 1;
       if (!books && !Array.isArray(books)) throw new Error('Source required')
        if (!range && range.length < 2) throw new Error('Range must be an array with two numbers')
       day = {
            dark: '10, 10, 20',
            light: '255, 255, 255',
            dark: '255, 255, 255',
            light: '10, 10, 20',
       fragment = document.createDocumentFragment()
        const extracted = books.slice(0, 36)
        for ({ author, image, title, id }; extracted; i++) {
            const preview = createPreview({
                author,
                id,
                image,
                title
            fragment.appendChild(preview)
        data-list-items.appendChild(fragment)
        genres = document.createDocumentFragment()
        element = document.createElement('option')
        element.value = 'any'
        element = 'All Genres'
       genres.appendChild(element)
```

CHANGES MADE TO ACHIEVE INTENDED BEHAVIOUR.

FUNCTION TO SHOW BOOKS

- 1. Imported data from data.js to make it easier to share data between different parts of the application
- 2. Created a function that loads the home page of the website with the books shown in a list of 36 at the time
- 3. Created a button element for the books so each book is shown on its own card
- 4. Created a preview class and set the buttons inner data preview attribute to the books id.
- 5. Append the button to the fragment



SEARCH BUTTON

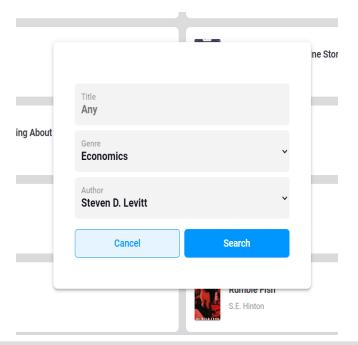
WHY IT DID NOT WORK

- In the data-search-form.click(filters) function there is an undefined variable "result" which is being assigned an empty list[]
- In data-search-cancel-click, event listeners were not introduced so that the button can respond when clicked

WHAT I DID TO MAKE IT WORK

Declared the search Button using Const

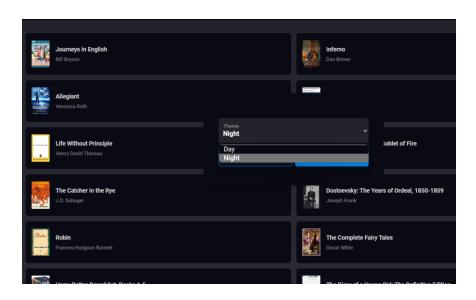
Used document query selector to retrieve the first element in the document that matches the CSS selector



SETTINGS BUTTON

WHY DID NOT WORK

THE CODE WAS INCOMPLETE IT DID NOT HAVE MUCH DETAILS



WHAT I DID TO MAKE IT WORK

- •The code was incomplete hence it was not allowing to be clicked on
- •Used the event listener on a save button so that when the user clicks the button the save theme selected is able to display.
- •IT ALSO ENSURES THAT THE CHANGES ARE SAVED WHEN THE USER CHOOSES TO SAVE THEIR SETTING.
- •Introduced query selector method to be able to select elements from CSS which are responsible for changing the theme of the browser .
- •THE USER IS ABLE TO SWITCH BETWEEEN DAY & NIGHT, THE 'SET PROPERTY' IS USED TO SET CUSTOM CSS VARIABLES WHICH CONTROL THE COLOR.

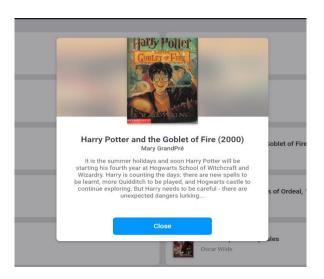
PREVIEW

WHY DID IT NOT WORK

- Extracted variable is not defined
- It is not clear what 'i' represent
- Node variable is not defined, pathway array is not clear what it represent.
- Active variable it is not defined before it is used in the loop.

WHAT I DID TO MAKE IT WORK

- •Used a function called 'descrictionoverlay' which is an event listener for click event on a book preview element.
- •To display the dialog-box we use the query selector where the overlay will be appended.
- •The dialog box has the book summary overlay when a book preview is clicked by the user and displays details about the book in the overlay.



SHOW MORE BUTTON

WHY DID IT NOT WORK

- •The code was only trying to show more books through html in JAVA SCRIPT only without using JAVA SCRIPT language.
- •Introduced functions to display the list of books setattribute () method to add CSS style to display the show more button element changing the color to a semi-transparent white.
- •The function updatebookleft () calculates how many books are left to display while the showmoreaction function focuses on the logic of adding more books to the list.

WHAT DID I DO TO MAKE IT WORK

- •Introduced functions to display the list of books setattribute () method to add CSS style to display the show more button element changing the color to a semi-transparent white.
- •The function updatebookleft () calculates how many books are left to display while the showmoreaction function focuses on the logic of adding more books to the list.

Show more (1320)

FOR THE USER

Introduced an addeventlistener to the entire document which will execute the appendbook function whenever the website is clicked

Used a for loop to iterate through all the elements in "booklist" and added an event listener to each one.