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US Digital Corps Assessment

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Dorantes_Juan_Written_Software

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The First step for this assignment was to read the prompt and make sure I understood to the best of my abilities the result that was expected. After Reading the assignment and highlighting requirements, I read the JavaScript file(book_search.js) and test it using the tester.html file. I opened the files for editing using VS code to work as a text editor and start modifying the code. The modification of the script(code), started with defining the var result structure by defining the Specific Output we were looking for, meaning to specify the ISBN, Page, and Line where the Search Term is found. I used a nested for loop to scanned threw the object and used the include method to find the Search Term. The Search Term is found by looping threw every content and is case sensitive and successfully identifies when the search term is different from the one requested. The key to algorithm is to save the index where the match is found and save it into the result structure and returning the JSON object for result evaluation. I attached an Image for Result Evaluation.

USDC Code Tester

This HTML file should help you test your JavaScript.

Feel free to test your code as you wish. We will be evaluating your submissions in a testing script in our browsers that is similar to this.

We imagine you would use this file in the following way:

1. Open this file in a browser.
2. Open the web developer console.
 - If you have not done any work on the code yet, you *should* see two failing tests.
3. Work your solution using a text or code editor of your choice.
4. To iteratively test your work: 1) save your code, 2) flip back to this window, and 3) reload the page.

