


# DWA\_03.4 Knowledge Check\_DWA3.1

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1. Please show how you applied a Markdown File to a piece of your code.


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## The Book Connect Web App

- A web application for a small startup called Book Connect. It has a list of books available for users to search and preview the books.

## Satisfies the following User Stories

```
>View a list of book previews, by title and author.  
>Show images associated with all book previews.  
>Read a summary of the book.  
>See the date that a book was published.  
>Find books based on specific text phrases.  
>Filter books by author.  
>Filter books by genre.  
>Toggle between dark and light modes.
```



## The outcome is achieved using JavaScript, HTML, and CSS.

## Presentation

[https://docs.google.com/presentation/d/1zQLkXJcM4-kf\\_a730KgITFb\\_02volV8AZ2V7NM\\_mcaM/edit?usp=sharing](https://docs.google.com/presentation/d/1zQLkXJcM4-kf_a730KgITFb_02volV8AZ2V7NM_mcaM/edit?usp=sharing)

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2. Please show how you applied JSDoc Comments to a piece of your code.

```
4  /**  
5   * This object gets and houses all the html elements used in this file for easy  
6   * access.  
7   *  
8   * @type {object}  
9   */  
10 const htmlElements = {
```

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3. Please show how you applied the @ts-check annotation to a piece of your code.

```
1 import { BOOKS_PER_PAGE, authors, books, genres } from "../data.js";
2
3 | //@ts-check
4 /**
5  * This object gets and houses all the html elements used in this file for easy
6  * access.
7  *
8  * @type {object}
9  */
10 const htmlElements = {
```

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4. As a BONUS, please show how you applied any other concept covered in the 'Documentation' module.

```
// Function to display a book with picture, title, and author using htmlElements
function displayBookWithElements(book) {
  const { author, id, image, title } = book;
  const authorName = authors[author];

  // Create a container for the book
  const bookContainer = document.createElement("div");
  bookContainer.classList.add("book-container");

  bookContainer.className = "preview";

  // Add a click event listener to show the book's details
  bookContainer.addEventListener("click", () => {
    showBookDetails(book);
  });

  // Set the dataset for the book
  bookContainer.dataset.id = id;
```