

DWA_03.4 Knowledge Check_DWA3.1

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

```
1  # IWA19: Book Connect JavaScript Code Review and Improvement Capstone Project
2
3  Author: Mihilali Kota
4
5  ## Overview
6
7  Welcome to the Book Connect JavaScript Code Review and Improvement Project! As a junior JavaScript developer, I had the fantastic opportunity to work with the Book
8  Connect startup on their social media platform for book enthusiasts. The existing HTML and CSS code impressed the team, but the JavaScript code needed attention.
9  My task was to conduct a thorough review, fix critical issues, and enhance performance, readability, and maintainability.
10
11 ## Project Goals
12
13 - Review the existing JavaScript codebase to identify critical issues and errors.
14 - Fix all critical issues to ensure the application functions correctly.
15 - Fulfill the prioritized user stories provided by the client to meet the desired product behavior.
16 - Improve the code's performance, readability, and future maintainability through refactoring and best practices.
17 - Create a slideshow presentation to showcase the journey from code review to the final improvements.
18
19 ## GitHub Repository
20
21 The project code is hosted on GitHub at https://github.com/CodeSpace-Academy/book-connect.
22
23 ## User Stories
24
25 The client provided prioritized user stories that define the product's functionality:
26
27 1. View a list of book previews with titles and authors to discover new books.
28 2. See book cover images associated with previews for easy recognition.
```

This is a markdown file I wrote for my last capstone project. It was intended to explain my code and make it easier to understand for anyone trying to go through my code.

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

```
44  /**
45   * Creates a book preview element.
46   * @param {Object} book - The book object containing information about the book.
47   * @param {string} book.author - The author ID of the book.
48   * @param {string} book.id - The unique ID of the book.
49   * @param {string} book.image - The URL of the book's cover image.
50   * @param {string} book.title - The title of the book.
51   * @returns {HTMLElement} The created book preview element.
52   */
```

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

I have never used the @ts-check annotation in my code. I just learnt about it in this module.

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

```
38  ## 🦉 I'm Currently Learning
39  Studying Software Development at [CodeSpace Academy](https://www.codespace.co.za/).
40
```

Added a link to a word via markdown syntax.
