DWA_03.4 Knowledge Check_DWA3.1
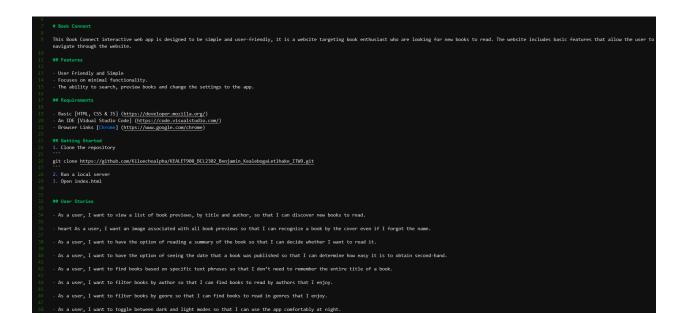
_____

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

Markdown File for IWA19

```
# Book Connect

This Book Connect interactive web app is designed to be simple and user-friendly, it is a website targeting book enthusiast who are looking for new books to read. The website includes basic features that allow the user to navigate through the website.

## Features

- User Friendly and Simple
- Focuses on minimal functionality.
- The ability to search, preview books and change the settings to the app.

## Requirements

- Basic [HTML, CSS & JS] (https://developer.mozilla.org/)
- An IDE [Vidual Studio Code] (https://code.visualstudio.com/)
- Browser Links [Chrome] (https://www.google.com/chrome)

## Getting Started
1. Clone the repository
```
git clone https://github.com/Kiloechoalpha/KEALET908_BCL2302_Benjamin_KealebogaLetlhake_ITW9.git
```
2. Run a local server
3. Open index.html

## User Stories

- As a user, I want to view a list of book previews, by title and author, so that I can discover new books to read.

- heart As a user, I want an image associated with all book previews so that I can recognize a book by the cover even if I forgot the name.

- As a user, I want to have the option of reading a summary of the book so that I can decide whether I want to read it.

- As a user, I want to have the option of seeing the date that a book was published so that I can determine how easy it is to obtain second-hand.

- As a user, I want to find books based on specific text phrases so that I don't need to remember the entire title of a book.

- As a user, I want to filter books by author so that I can find books to read by authors that I enjoy.

- As a user, I want to filter books by genre so that I can find books to read in genres that I enjoy.

- As a user, I want to toggle between dark and light modes so that I can use the app comfortably at night.
```

_____

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

```
8    //Challenge 7.2
9    const nickname= "Timmy";
10   const firstname = "Timothy";
11   //const message = "Good Morning!";
12
13   if (nickname ) {
14       console.log(`Good morning, ${nickname}!`);
15   }
16   else if (firstname ) {
17       console.log(`Good morning, ${firstname}!`);
18   }
19   else {
20       console.log("Good morning!");
21   }
22
23
24   /*
25
26   //-----------------ANOTHER WAY--------------------------------------
27
28   const nickname= "Timmy";
29   const firstname = "Timothy";
30
31   console.log(`Good Morning, ${nickname}!`)
32
33
34   if (nickname === undefined &&  firstname === "Timothy" ) {
35       console.log("Good Morning, " + firstname + "!")
36   }
37
38   if (firstname === undefined &&  nickname === "Timmy" ) {
39       console.log("Good Morning, " + nickname + "!")
40   }
41
42   if (firstname === undefined &&  nickname === "Timmy"){
43       console.log(message)
44   }
45   */
46
```

_____

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

```
src > js > JS scripts.js > ...
 1    // @ts-check
 2
 3
 4    /**
 5     * Calculates the sum of two numbers.
 6     *
 7     * @param {number} a - The first number.
 8     * @param {number} b - The second number.
 9     * @returns {number} The sum of the two numbers.
10     */
11    function calculateSum(a, b) {
12      return a + b;
13    }
14
```

_____

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

```
//importing exports from data.js and view.js
import { createOrderData, updateDragging } from "./data.js";
import { createOrderHtml, html, updateDraggingHtml } from "./view.js";
```

_____