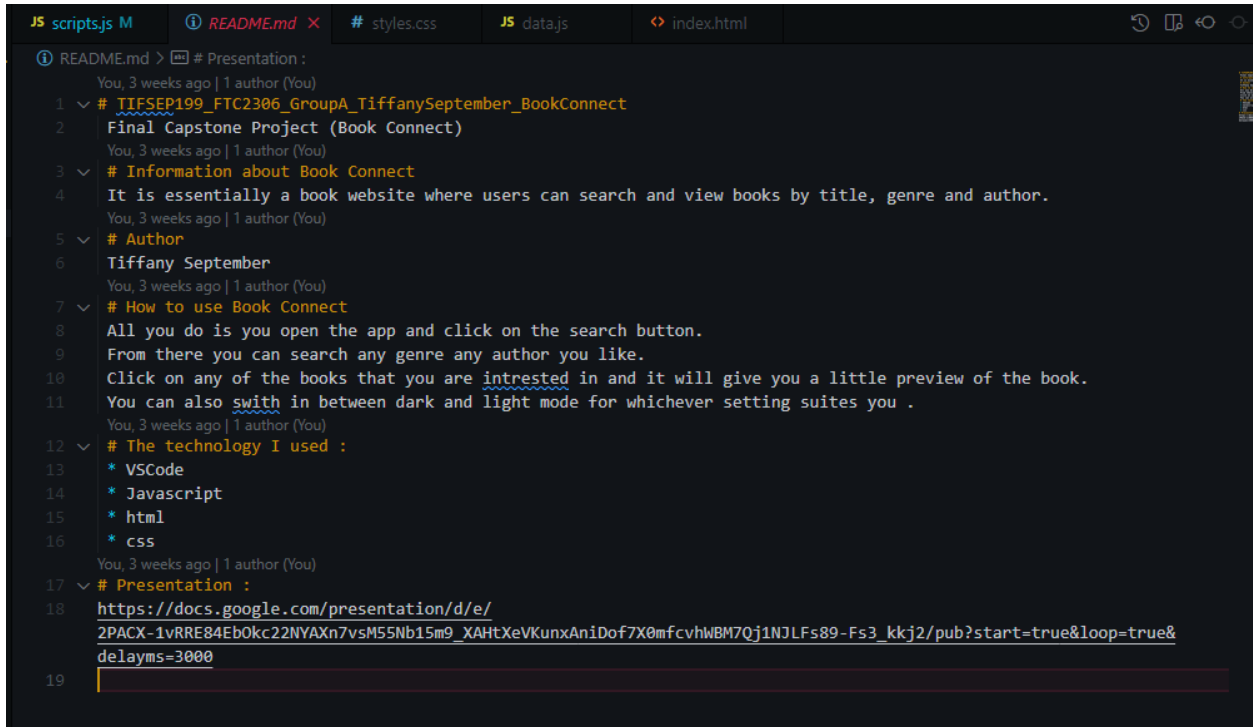


# DWA\_03.4 Knowledge Check\_DWA3.1

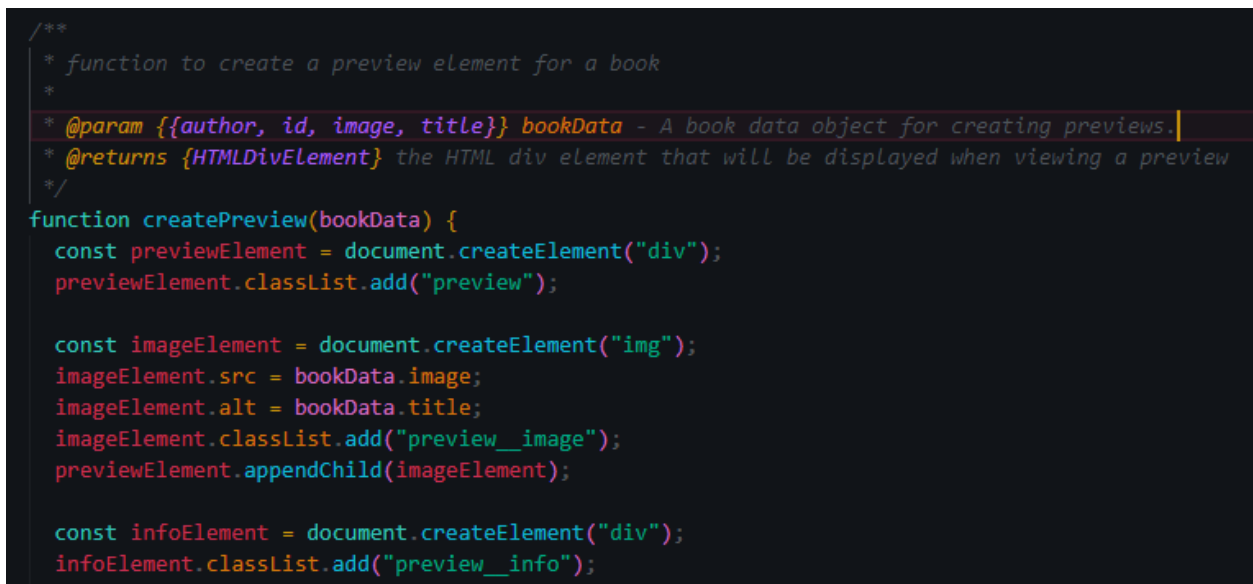
1. Please show how you applied a Markdown File to a piece of your code.



The screenshot shows a VS Code editor with a dark theme. The active file is 'README.md'. The content of the file is as follows:

```
1  # TIFSEP199_FTC2306_GroupA_TiffanySeptember_BookConnect
2  Final Capstone Project (Book Connect)
3  # Information about Book Connect
4  It is essentially a book website where users can search and view books by title, genre and author.
5  # Author
6  Tiffany September
7  # How to use Book Connect
8  All you do is you open the app and click on the search button.
9  From there you can search any genre any author you like.
10 Click on any of the books that you are interested in and it will give you a little preview of the book.
11 You can also switch in between dark and light mode for whichever setting suites you .
12 # The technology I used :
13 * VSCode
14 * Javascript
15 * html
16 * css
17 # Presentation :
18 https://docs.google.com/presentation/d/e/2PACX-1vRRE84Eb0kc22NYAXn7vsM55Nb15m9\_XAhtXeVKunxAniDof7X0mfcvhwBM7Qj1N3LFs89-Fs3\_kkj2/pub?start=true&loop=true&delayms=3000
```

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



The screenshot shows a VS Code editor with a dark theme. The active file contains the following JavaScript code with JSDoc comments:

```
/**
 * function to create a preview element for a book
 *
 * @param {{author, id, image, title}} bookData - A book data object for creating previews.
 * @returns {HTMLDivElement} the HTML div element that will be displayed when viewing a preview
 */
function createPreview(bookData) {
  const previewElement = document.createElement("div");
  previewElement.classList.add("preview");

  const imageElement = document.createElement("img");
  imageElement.src = bookData.image;
  imageElement.alt = bookData.title;
  imageElement.classList.add("preview__image");
  previewElement.appendChild(imageElement);

  const infoElement = document.createElement("div");
  infoElement.classList.add("preview__info");
```

---

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

```
JS scripts.js M X  README.md  # styles.css  JS data.js  <> index.html

JS scripts.js > [?] css
You, 3 seconds ago | 2 authors (You and others)
1 let bookList = books;
2 // @ts-check
3
4 /**
5  * @type {Array} bookList
6  */
7 let matches = bookList;
8 let page = 1;
9 const BOOKS_PER_PAGE = 36; // i define the number of books per page
10
11 // checking for valid 'books' array
12 if (!books || !Array.isArray(books)) throw new Error("Source required");
13
```

---

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

I did not apply any other concepts because I am not yet well familiar with all the concepts in the documentation module.

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