DWA_03.4 Knowledge Check_DWA3.1

_____
_____

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

📖 README

Book Connect App (Codespace Academy)

Author: Aamir Osman

Technologies: Languages: HTML, CSS, Javascript

- index.html: Book Connect web app main page
- data.js: Includes all the data for the books listed in the web app
- view.js: Includes DOM and functions called in the Javascript
- scripts.js: Functionality of web app

Book Connect App has a dark mode `#000000` and a light mode `#ffffff`

_____
_____

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

```
// Search Functionality
/**
 * Toggles the search overlay when the search icon is clicked,
 * allowing users to filter books by title, author, and genre.
 *
 * @param {Event} event - The click event object.
 */
const searchToggle = (event) => {
  const { target } = event;
  const isCancel = target === html.search.cancel;

  if (isCancel) {
    html.search.overlay.open = false;
  } else {
    html.search.overlay.open = true;

    const allGenresOption = document.createElement("option");
    allGenresOption.value = "any";
    allGenresOption.innerText = "All Genres";
    search.genre.appendChild(allGenresOption);
```

_____

_____

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

```
JS scripts.js > ...
  1    //@ts-check
  2
  3    /**
  4     *
  5     * @param {number} a
  6     * @param {number} b
  7     */
       Codeiu  Argument of type 'string' is not assignable to parameter of type 'number'. ts(2345)
  8    const
         Codeium: Explain Problem
  9         c
 10    }      View Problem (⌥F8)    Quick Fix... (⌘.)
 11    c(1, 'string')
```

_____

_____

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

_____

_____