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.

☰ README.md

ADACAS020_FTC2301_Group-Naeem_AdamCastle_IWA19

book-connect

IWA Capstone project for CodeSpace.

- A book website where users can search for and view books by author, title and genre.

Authors

- Adam Castle

Technologies

- Javascript
- VSCode
- html
- css

Presentation of Ideas

- https://drive.google.com/file/d/1RYceLq8HcOqt7c9Co5xM2Y6IV_DnxDul/view?usp=share_link

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

```
/**
 * This function takes an array, a start and an end. It will then extract 36 books
 depending on where it starts and ends and create a button for each of them. The
 function then extracts the relevant information using destructuring and adds it to the
 HTML where needed.
 * @param {object} books
 * @param {number} start
 * @param {number} end
 * @returns {html}
 */
export const createPreviewsFragment = (books, start = (page * BOOKS_PER_PAGE), end =
(page + 1) * BOOKS_PER_PAGE) => {
```

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

```javascript
// @ts-check
import { BOOKS_PER_PAGE, authors, genres, books } from "./data.js";

const FRAGMENT = document.createDocumentFragment();

// page initialized for use in the createPreviewsFragment() function
let page = 0;

/**
 * object containing all HTML elements necessary for selection and manipulation
 */
export const selectors = {
    searchButton: document.querySelector("[data-header-search]"),
    cancelSearch: document.querySelector("[data-search-cancel]"),
    settingsButton: document.querySelector("[data-header-settings]"),
    settingsCancel: document.querySelector("[data-settings-cancel]"),
    settingsForm: document.querySelector("[data-settings-overlay]"),
    saveSettings: document.querySelector("[data-settings-form]"),
    dataListItems: document.querySelector("[data-list-items]"),
    moreButton: document.querySelector("[data-list-button]"),
    themeSettings: document.querySelector("[data-settings-theme]"),
    themeChoice: document.querySelector("[data-settings-theme]"),
    searchGenres: document.querySelector("[data-search-genres]"),
    authorsOptions: document.querySelector("[data-search-authors]"),
    searchForm: document.querySelector("[data-search-form]"),
    singleBook: document.querySelectorAll(".preview"),
    bookPreview: document.querySelector("[data-list-active]"),
    bookPreviewClose: document.querySelector("[data-list-close]"),
    bookPreviewImage: document.querySelector("[data-list-image]"),
    bookPreviewTitle: document.querySelector("[data-list-title]"),
    bookPreviewSubtitle: document.querySelector("[data-list-subtitle]"),
    bookPreviewDescription: document.querySelector("[data-list-description]"),
    bookPreviewBlur: document.querySelector("[data-list-blur]"),
    beginSearch: document.querySelector('[form="search"]'),
    searchMenu: document.querySelector("[data-search-overlay]"),
    searchTitle: document.querySelector("[data-search-title"),
    noResultsMessage: document.querySelector("[data-list-message]"),
    searchFormDiv: document.querySelector('[id="search"]'),
    cssSelector: document.documentElement.style,
};
```

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

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