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.

```
## Repositories 📚

Here are some of my repositories that showcase my coding skills:
- [CodeLab Projects](https://github.com/Mpho-vincent-makgwe?tab=repositories): A collection of small coding projects I completed during my time at
CodeLab Academy.
- [JavaScript30](https://github.com/Mpho-vincent-makgwe/JavaScript30-master.git): A repository containing my solutions to the 30 Day Vanilla JS
Challenge.
- [Portfolio Website](): The code for my personal portfolio website, built using HTML, CSS, and JavaScript.
- [Kitchen App](https://github.com/Mpho-vincent-makgwe/todo-app): An order list application built using HTML,CSS and JavaScript that allows users
to add, edit, and delete orders.
```

I used Square brackets and round brackets to shorten my links into a simple words or to name the link.

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

```javascript
//****************************SEARCH
OPEN****************************/

const searchIconBtn = document.querySelector('
[class="header__button"]');
/**
*
*Event handler for the search icon button click event.
*@param {Event} event - The click event.
*/
const searchIconHandler =(event)=>{
event.preventDefault();
searchIconOverlay.show();
}
searchIconBtn.addEventListener('click',searchIconHandler);
//****************************SEARCH
CLOSE****************************/
/**
*
*Event handler for the search close button click event.
*@param {Event} event - The click event.
*/
const searchCloseBtn = document.querySelector('
[data-search-cancel]');
const searchCloseHandler =(event)=>{
event.preventDefault();
searchIconOverlay.close();
}
searchCloseBtn.addEventListener('click',
searchCl⊗ You need to provide an OAuth token either via the "githubNoti
```
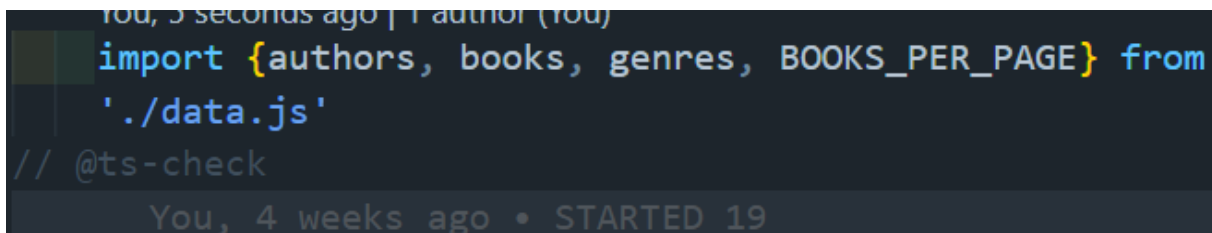
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3. Please show how you applied the @ts-check annotation to a piece of your code.

```
You, 5 seconds ago | 1 author (You)
import {authors, books, genres, BOOKS_PER_PAGE} from
'./data.js'
// @ts-check
        You, 4 weeks ago • STARTED 19
```

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

```
/**
 * Creates a preview element for a given book.
 *
 * @typedef {function} createPreview
 * @param {Object} options - The options for creating the
preview.
 * @param {string} options.author - The author of the book.
 * @param {string} options.image - The URL of the book's
image.
 * @param {string} options.title - The title of the book.
 * @param {string} options.id - The unique identifier of
the book.
 * @param {string} options.description - The description
of the book.
 * @param {string} options.published - The publication
date of the book.
 * @returns {HTMLElement} - The created preview element.
 */
/**@type {createPreview} */
```

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