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.

🧑‍💻 About Me:
I am an Aspiring Software Developer <img
src="https://media.giphy.com/media/WUlplcMpOCEmTGBtBW/giphy.gif" width="30">
from Bloemfontein, South Africa.

- 🧑‍🎓 I'm studying Software Development at CodeSpace.

- 🌱 Exploring Podcasting and C#.

- ⚡ In my free time, I listen to podcasts and read books.

- 📫 How to reach me: [![Linkedin
Badge](https://img.shields.io/badge/-kakbar-blue?style=flat&logo=Linkedin&logoColor=
white)](https://www.linkedin.com/in/katlego-maphango/)

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

```javascript
/**
* populates a drop down list
*
* @param {HTMLElement} DropDownElement
* @param {string} DDType
* @param {object} dataObject
*/
const populateDropDown = (DropDownElement, DDType, dataObject) => {
    const fragment = document.createDocumentFragment()
    const fragmentElement = document.createElement('option')
    fragmentElement.dataset.id = ''
    fragmentElement.value = 'any'
    fragmentElement.innerText = `All ${DDType}`
    fragment.appendChild(fragmentElement)

    for(let i = 0; i < Object.entries(dataObject).length; i++) {
        const [id, name] = Object.entries(dataObject)[i]
        const element = document.createElement('option')
        element.dataset.id = id
        element.value = name
        element.innerText = name
        fragment.appendChild(element)
    }

    DropDownElement.appendChild(fragment)
}
```

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3. Please show how you applied the @ts-check annotation to a piece of your code.
I have never used @ts-check annotation so far

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4. As a BONUS, please show how you applied any other concept covered in the 'Documentation' module.
Modules:
  ➢ HTML: `<script src="./js/scripts.js" type="module" defer></script>`
  ➢ JS:

```
○  export const BOOKS_PER_PAGE = 36;

○  import { BOOKS_PER_PAGE, authors, genres, books, html } from
   "./data.js";
```

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