

DWA_03.4 Knowledge Check_DWA3.1

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

```
/**
 * This defines the base url that will be used to make the api call.
 *
 * @type {string}
 */
const baseUrl = "https://swapi.dev/api/people";

/**
 * Cached data variable.
 *
 * @type {any}
 */
let cachedData = null;
```

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

```
/**
 * This defines the base url that will be used to make the api call.
 *
 * @type {string}
 */
const baseUrl = "https://swapi.dev/api/people";

/**
 * Cached data variable.
 *
 * @type {any}
 */
let cachedData = null;
```

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

```
// @ts-check

/**
 * This defines the base url that will be used to make the api call.
 *
 * @type {string}
 */
const baseUrl = true;
```

```
scripts.js > ...
1 // @ts
2
3 /**
4  * Thi
5  *
6  * @ty
7  */
8 const baseUrl = true;
```

Type 'boolean' is not assignable to type 'string'. ts(2322)

const baseUrl: string

This defines the base url that will be used to make the api call.

@type — {string}

[View Problem \(Alt+F8\)](#) [Quick Fix... \(Ctrl+.\)](#)

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

```
0 README.md > # Table of Contents
1 # Technical Assessment
2
3 # Table of Contents
4
5 Table of Contents (up to date)
6 - [Technical Assessment](#technical-assessment)
7 - [Table of Contents](#table-of-contents)
8 - [Part 1:](#part-1)
9   - [Constants and Variables:](#constants-and-variables)
10  - [fetchData Function:](#fetchdata-function)
11  - [populateDropDown Function:](#populatedropdown-function)
12  - [Part 2:](#part-2)
13    - [updateCharacterInfo Function:](#updatecharacterinfo-function)
14    - [Event Listeners:](#event-listeners)
15    - [compareDisplayedAttributes Function:](#comparedisplayedattributes-function)
16    - [compare Button Listener:](#compare-button-listener)
17
18 ## Part 1:
19
20 Data Retrieval and Population
21
22 ### Constants and Variables:
23
24 - baseUrl: The base URL for fetching Star Wars character data.
25 - cachedData: Holds the retrieved data from the API.
26
27 ### fetchData Function:
28
29 - Uses fetch to get data from SWAPI.
30 - Populates cachedData with the results.
31 - Invokes populateDropDown to populate dropdown menus.
32
33 ### populateDropDown Function:
34
35 - Creates dropdown options for characters using cached data variable.
36
```

