

DWA_03.4 Knowledge Check_DWA3.1

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

Here is an example markdown file of a README.MD for a calculator app

```

1  # Calculator App
2
3  This app is a simple calculator designed to perform basic mathematical operations in the browser. It allows users to
4  input numerical values and perform calculations such as addition, subtraction, multiplication, and division.
5
6  ## KeyFeatures
7  - User-friendly Interface: The calculator app provides a clean and intuitive interface...
8  - Basic Arithmetic Operations: Users can perform common arithmetic operations, including...
9
10 ## Requirements
11 - Browser like [Google Chrome](https://www.google.com/chrome/?brand=YTUHR
12   gclid=Cj0KCQjwryjBhDQARISAMLVnF-3l0tZodRcW_2R0RSpYc9P4trNGrYwUA9kcur07xy00p_AAgIUN3waAr2IEALw_wcB&gclid=aw.ds)
13 - Latest Version of Windows [Windows 11](https://www.microsoft.com/en-za/windows/?r=1)
14
15 ## Getting Started
16 1. Open the app in your web browser.
17 2. Enter the numerical values you want to calculate using the provided buttons or the keyboard.
18 3. Select the desired arithmetic operation using the appropriate button (+, -, x, ÷).
19
20 ## User Stories
21 - As a user, I want to perform basic arithmetic calculations such as addition, subtraction, multiplication, and
22   division, so that I can quickly and accurately compute mathematical operations.
23 - As a user, I want the calculator app to provide a convenient way to calculate percentages, so that I can easily
24   determine percentages of given values without manual calculations.

```

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

```
/**
 * type {string}
 */
```

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

```
// @ts-check
/** @type {number} */
var x;
```

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

```
/**  
 * @param {string} p1 - A string param.  
 * @param {string=} p2 - An optional param (Google Closure syntax)  
 * @param {string} [p3] - Another optional param (JSDoc syntax).  
 * @param {string} [p4="test"] - An optional param with a default value  
 * @returns {string} This is the result  
 */
```
