DWA_03.4 Knowledge Check_DWA3.1

_____

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

A counter app

Table Of Contents

- Table Of Contents
- Intro
- Features
- How to use

Intro

```
this count app allows you to change the counter display by 5
```

Features

```
- Easy to use buttons
- Simplistic design
```

How to use

```
simply press either the '-' button to subtract or the '+' button to add
```

I used this on the tally count to describe it and I used md syntax to build it.

_____

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

```
/**
 *   this funcition will console log parameter aFunction twice
 * @param {*} aFunction - will be repeated twice by function
 * @returns {void}
 */

const logTwice
                    (parameter) aFunction: any

                    • will be repeated twice by function

                    @param aFunction —will be repeated twice by function

    console.log(aFunction)
    console.log(aFunction)
}
```

 I used JSDocs to describe what the function does, and what the parameter is and what it returns.

_____

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

```
//@ts-check
const firstName = 'John';
const age = 35;
const myHobby = 'Coding';

/**
 * this function produces a string using the info from above
 * @returns {string}
 */
function hobby () {
    return `Hello, ${firstName} (${age}). I love ${myHobby}!`
}
```

I used @ts-check so that i can check that the function 'hobby' returns a string only
I did it by making the js doc elaborate that I want it to return a string by using a @return

_____

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

_____