

DWA_03.4 Knowledge Check_DWA3.1

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

```
10
11 # Greeting Example code 🙋
12
13 This example demonstrates a JavaScript program that prompts the
14 user for their name and displays a greeting on the web page.
15
16 ## Usage
17
18 1. Open the "index.html" file in a web browser using live
19 server.
20
21 2. The browser will prompt you to enter your name 🙋.
22
23 3. After entering your name, a greeting message will be
24 displayed on the web page .
25
26 ## JavaScript Code (greeting.js)
27
28 ```javascript
29 // Prompt the user for their name
30 const userName = prompt("What's your name?");
31
32 // Create a greeting message
33 const greeting = `Hello, ${userName}!`;
```

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

```
1 // Prompt the user for their name
2 const userName = prompt("What's your name?");
3
4 // Create a greeting message
5 const greeting = Hello, ${userName}!;
6
7 // Display the greeting on the web page
8 document.write(greeting);
```

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

```
1 // @ts-check
2
3 /**
4  * Adds two numbers and returns the result.
5  * @param {number} x - The first number.
6  * @param {number} y - The second number.
7  * @returns {number} The sum of the two numbers.
8  */
9 function addNumbers(x, y) {
10     return x + y;
11 }
12
13 // Example
14 const result = addNumbers(1, 3);
15 console.log(`The result is: ${result}`);
16
```

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

21

22 `[^1]: Read the study on this Topic by visiting | [Smith et al.]`
`(https://example.com/performance-study)`

23
