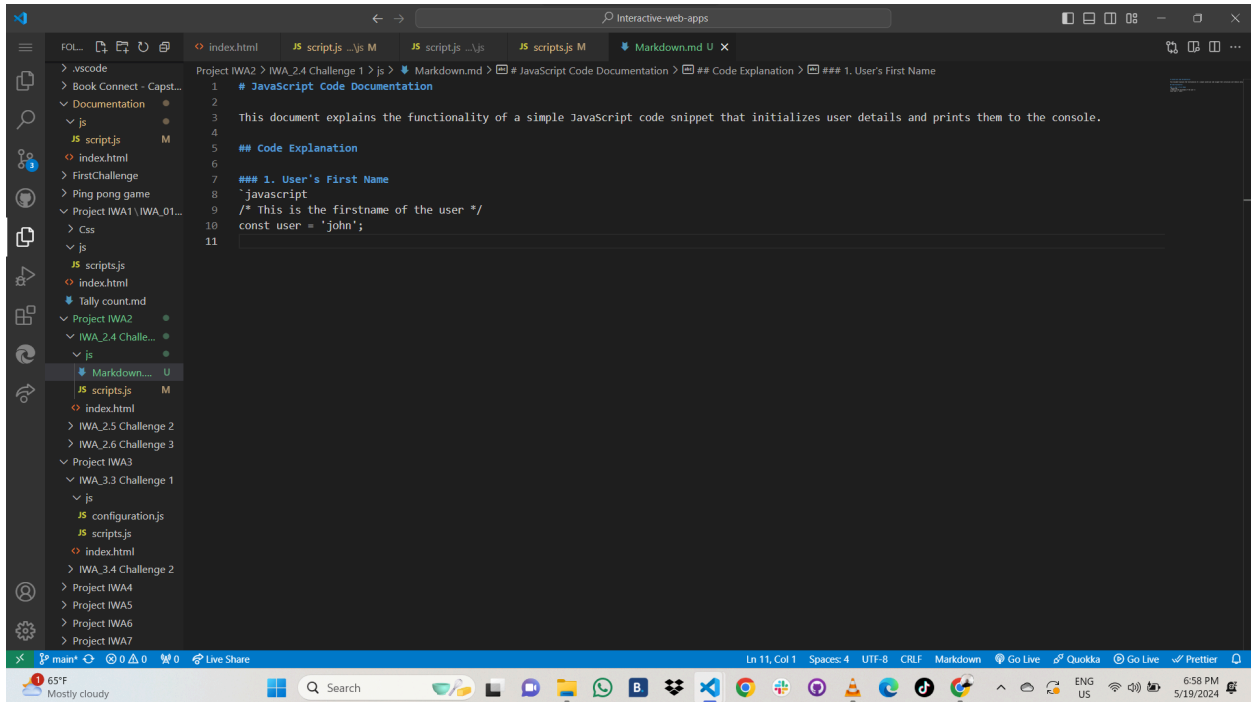


DWA_03.4 Knowledge Check_DWA3.1

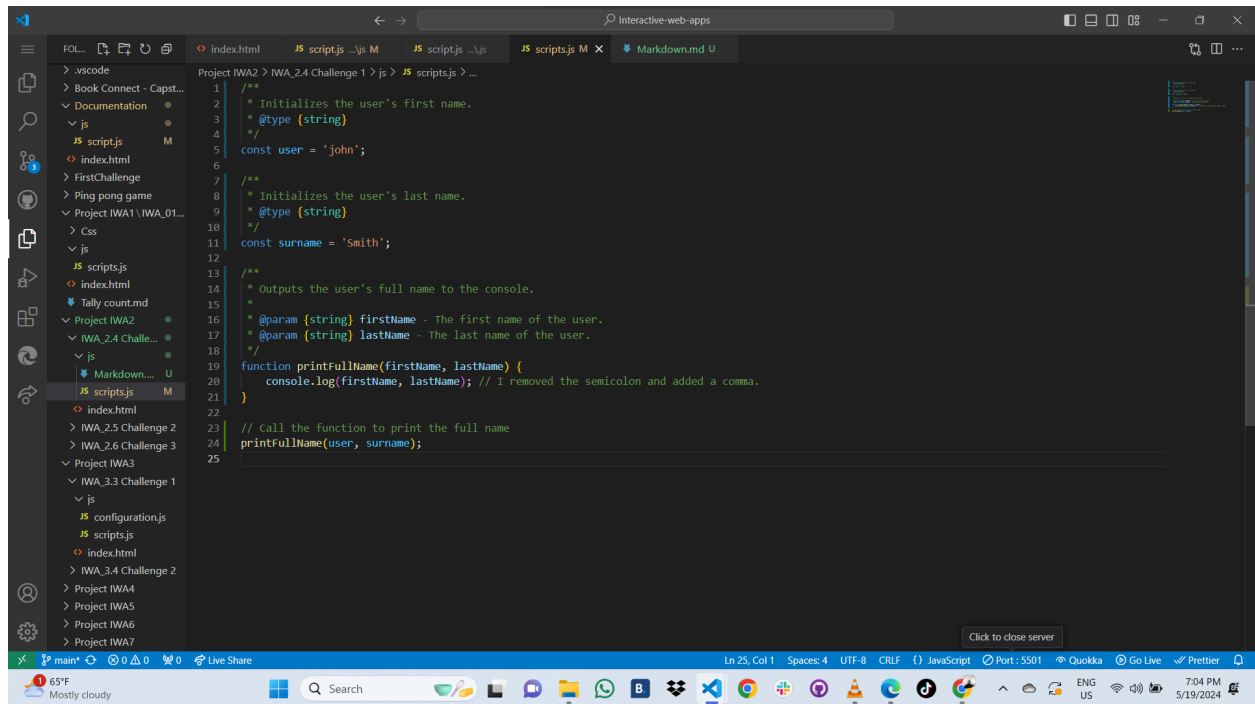
1. Please show how you applied a Markdown File to a piece of your code.



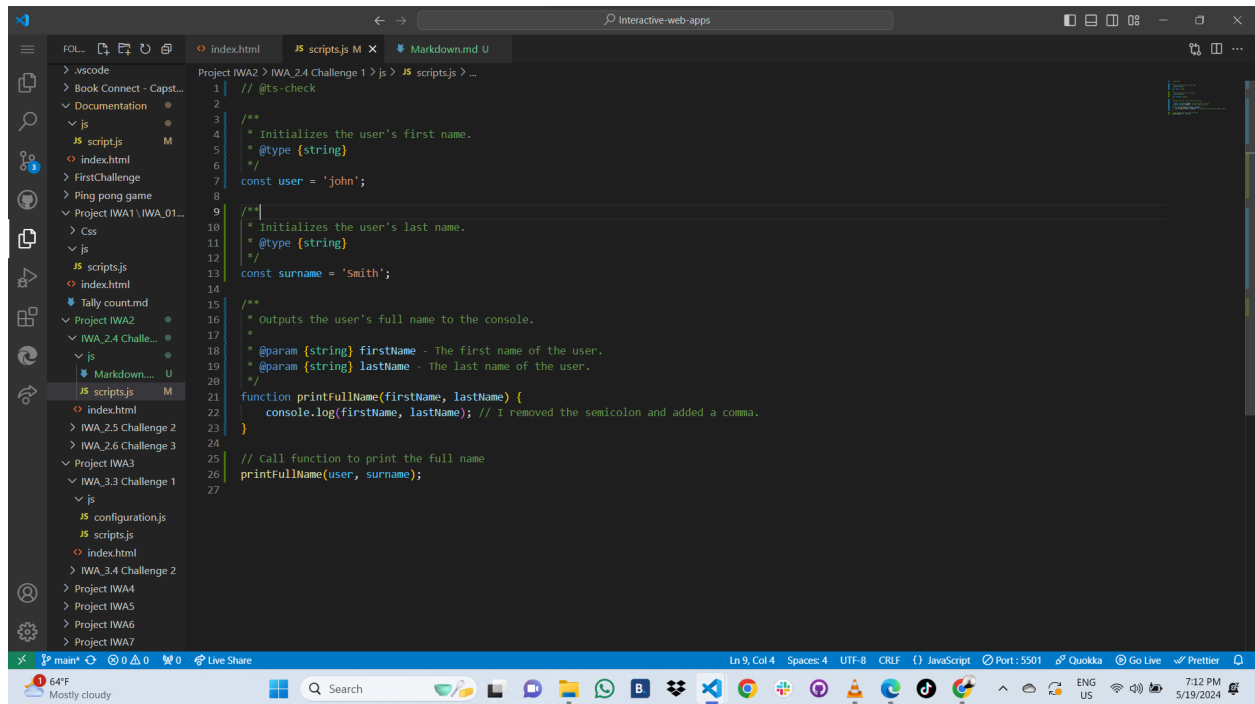
The screenshot shows a Visual Studio Code editor window with a file explorer on the left and a code editor on the right. The file explorer shows a project structure with various files and folders. The code editor displays a Markdown file named 'Markdown.md' with the following content:

```
1  # JavaScript Code Documentation
2
3  This document explains the functionality of a simple JavaScript code snippet that initializes user details and prints them to the console.
4
5  ## Code Explanation
6
7  ### 1. User's First Name
8  `javascript
9  /* This is the firstname of the user */
10 const user = 'john';
11
```

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



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



```
1 // @ts-check
2
3 /**
4  * Initializes the user's first name.
5  * @type {string}
6  */
7 const user = 'john';
8
9 /**
10  * Initializes the user's last name.
11  * @type {string}
12  */
13 const surname = 'Smith';
14
15 /**
16  * Outputs the user's full name to the console.
17  *
18  * @param {string} firstName - The first name of the user.
19  * @param {string} lastName - The last name of the user.
20  */
21 function printFullName(firstName, lastName) {
22   console.log(firstName, lastName); // I removed the semicolon and added a comma.
23 }
24
25 // Call function to print the full name
26 printFullName(user, surname);
27
```

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

I've added inline comments next to each line of code to provide an explanation of what each line does, for anyone to be able read the code and understand it.

