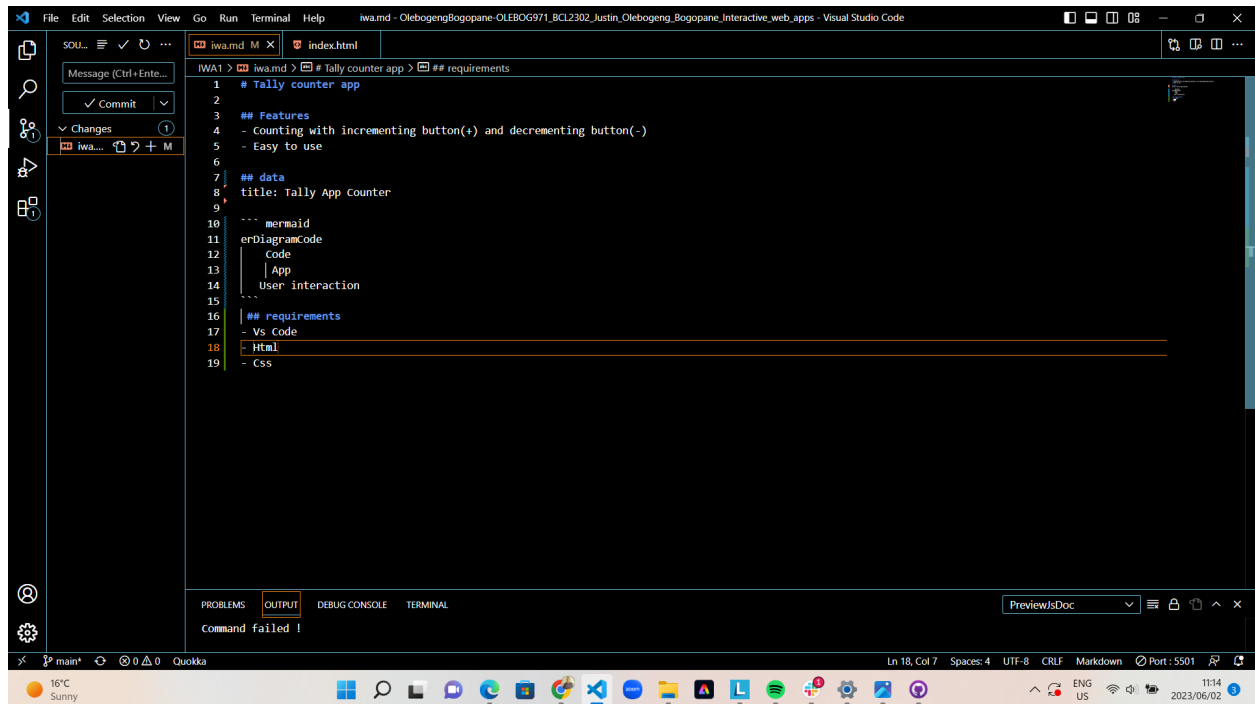
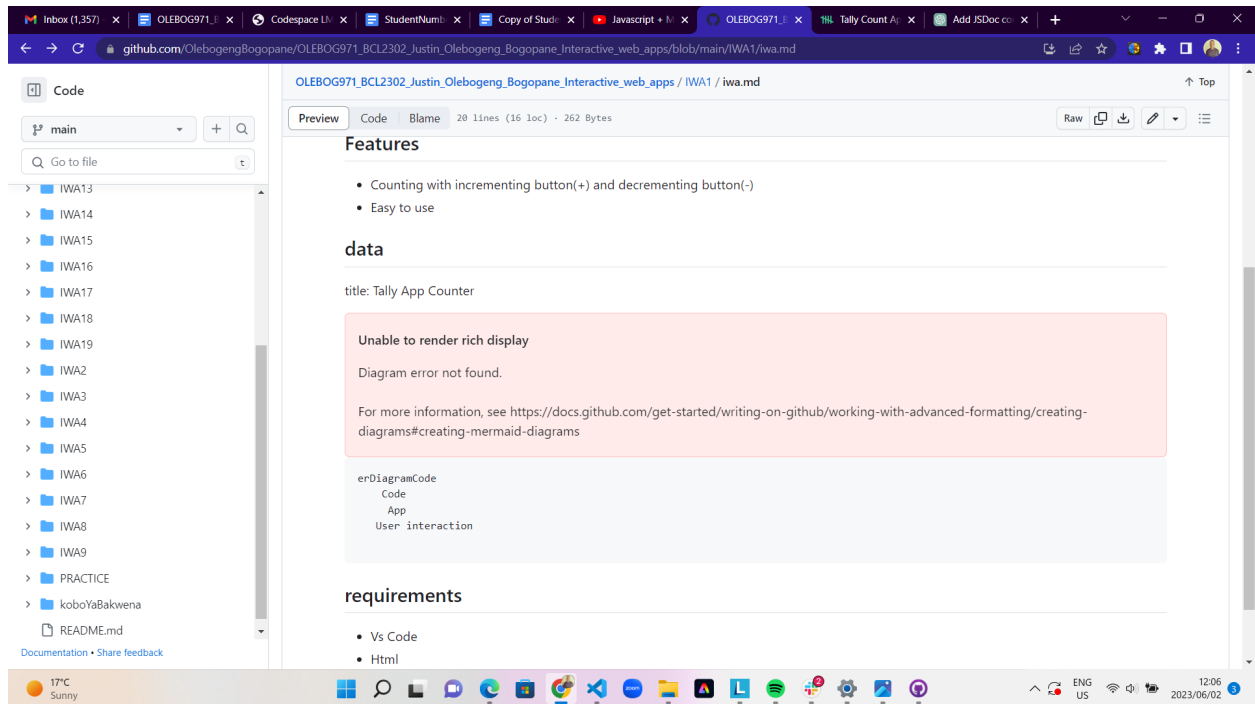


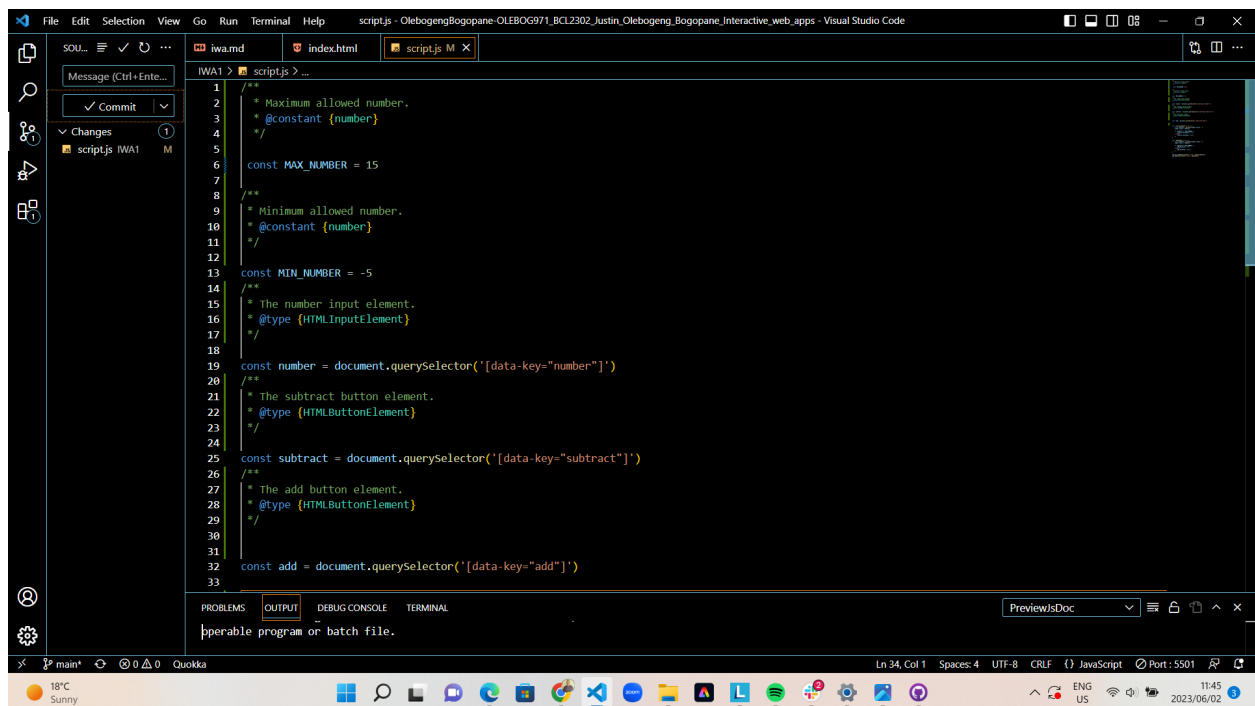
DWA_03.4 Knowledge Check_DWA3.1

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

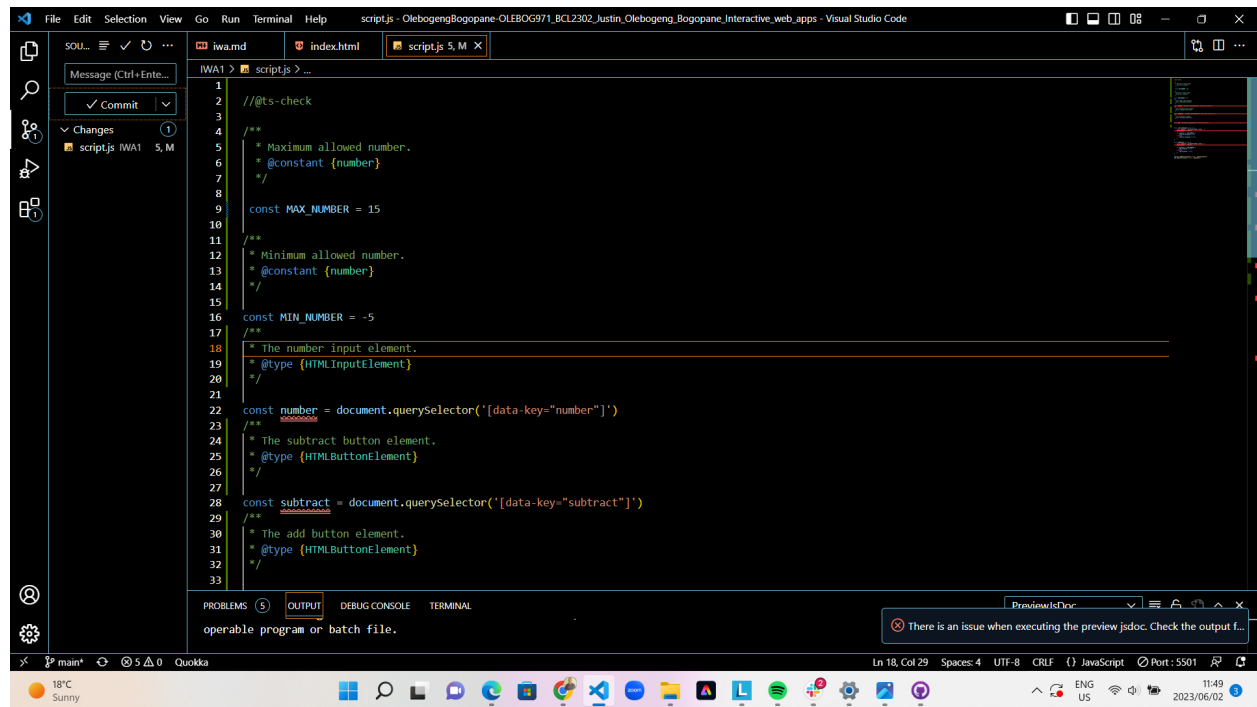




2. Please show how you applied JSDoc Comments to a piece of your code.



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



The screenshot shows the Visual Studio Code editor with a file named `script.js` open. The code is written in JavaScript but includes several TypeScript annotations. At the top, there is a `//@ts-check` comment. Below it, there are JSDoc-style comments for constants and variables, including `@constant {number}` and `@type {HTMLInputElement}`. The code defines constants for `MAX_NUMBER` and `MIN_NUMBER`, and variables for `number`, `subtract`, and `add`. The `number` variable is assigned the result of `document.querySelector` with a type annotation `@type {HTMLInputElement}`. The `subtract` and `add` variables are also assigned the result of `document.querySelector` with type annotations `@type {HTMLButtonElement}`. The editor interface includes a sidebar on the left with a 'Changes' panel showing the current file, a bottom status bar with 'Ln 18, Col 29', and a taskbar at the very bottom showing the system clock and weather.

```
1 //@ts-check
2
3 /**
4  * Maximum allowed number.
5  * @constant {number}
6  */
7
8 const MAX_NUMBER = 15
9
10 /**
11  * Minimum allowed number.
12  * @constant {number}
13  */
14
15 const MIN_NUMBER = -5
16
17 /**
18  * The number input element.
19  * @type {HTMLInputElement}
20  */
21
22 const number = document.querySelector('[data-key="number"]')
23
24 /**
25  * The subtract button element.
26  * @type {HTMLButtonElement}
27  */
28
29 const subtract = document.querySelector('[data-key="subtract"]')
30
31 /**
32  * The add button element.
33  * @type {HTMLButtonElement}
34  */
```

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

