DWA_03.4 Knowledge Check_DWA3.1

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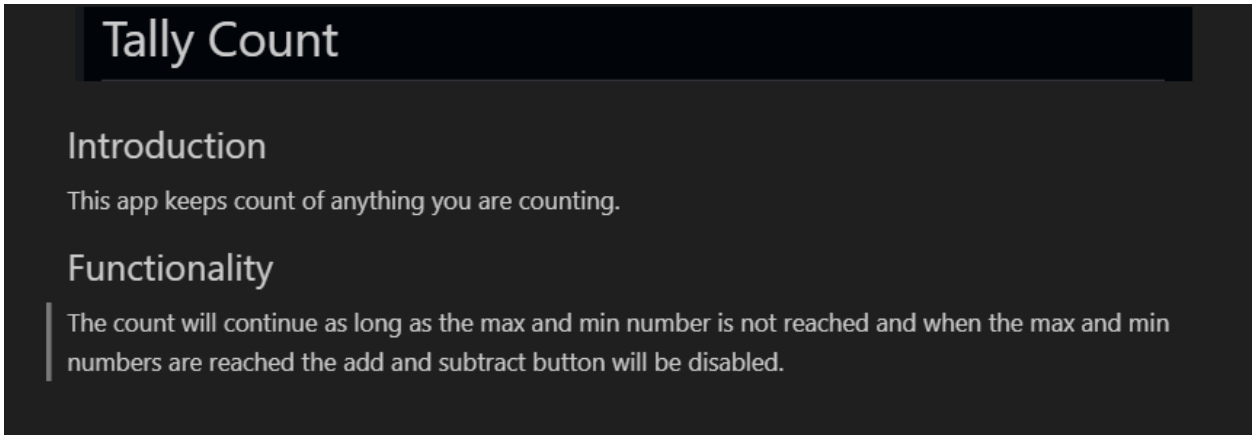
1. Please show how you applied a Markdown File to a piece of your code.



This Markdown File explains what the app does.

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

```
/**
 * Add and Subtract Button
 * @param {number} number.value - amount that should be added or subtracted
 * @param {Boolean} add.disabled - This disables the add button when the max number is reached
 * @param {Boolean} subtract.disabled - This disables the subtract button when the min number is reached
 */


const subtractHandler = () =>{
    const newValue = parseInt(number.value) - STEP_AMOUNT
    number.value = newValue;

    if (add.disabled === true) {
        add.disabled = false
    }
```

The JSDoc comments explain the parameters of the code that follows

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

```
//@ts-check

/**
 * Add and Subtract Button
 * @param {number} number.value - amount that should be added or subtracted
 * @param {Boolean} add.disabled - This disables the add button when the max number is reached
 * @param {Boolean} subtract.disabled - This disables the subtract button when the min number is reached
 */


const subtractHandler = () =>{
    const newValue = parseInt(number.value) - STEP_AMOUNT
    number.value = newValue;
```

@ts-check basically checks to see if the answers are a number or boolean.

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

```
33  // Create a div element to hold the Mermaid diagram
34  const mermaidContainer = document.createElement('div');
35  mermaidContainer.id = 'mermaid-diagram';
36  document.body.appendChild(mermaidContainer);
37
38  // Define your Mermaid diagram code
39  const mermaidCode = `
40    graph LR
41        A-->B;
42        A-->C;
43        B-->D;
44        C-->D;
45    `;
46
47  // Render the Mermaid diagram
48  mermaid.initialize({ startOnLoad: true });
49  mermaid.render('mermaid-diagram', mermaidCode, (svgCode) => {
50    mermaidContainer.innerHTML = svgCode;
51  });
```