## DWA\_03.4 Knowledge Check\_DWA3.1

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



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

```
/**
  * Takes any order as an object literal (as saved in state) and converts it a
  * HTML element that can be appended to the DOM. Creating order elements
  * individually prevents the JavaScript having to re-render the entire DOM every
  * time a new order is created.
  *
  * @param {object} order
  * @returns {HTMLElement}
  */
```

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

```
// @ts-check

/**

* Calculates the sum of two numbers.

* @param {number} a - The first number.

* @param {number} b - The second number.

* @returns {number} The sum of the two numbers.

*/
function calculateSum(a, b) {
  return a + b;
}

// Test the function
const result = calculateSum(5, "10");
console.log(result);
```

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

```
// @ts-check

/**
  * Represents a person with a name and age.
  * @class
  */
class Person {
   /**
   * Creates a new instance of the Person class.
```

```
* @param {string} name - The name of the person.

* @param {number} age - The age of the person.

*/
}
```