DWA_03.4 Knowledge Check_DWA3.1

---

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

```js
// markdown.js > ...
function greeting(name) {
    console.log("Hello," + name + "!");
}

greeting("John");
```

---

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

```js
/**
 * Adds two numbers.
 *
 * @param {number} a - The first number.
 * @param {number} b - The second number.
 * @returns {number} The sum of the two numbers.
 */
function addNumbers(a, b) {
    return a + b;
}
```

---

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

```
JS ex.js > ...
  1    // @ts-check
  2
  3    /**
  4     * Adds two numbers.
  5     *
  6     * @param {number} a - The first number.
  7     * @param {number} b - The second number.
  8     * @returns {number} The sum of the two numbers.
  9     */
 10    function addNumbers(a, b) {
 11        return a + b;
 12    }
 13
 14    const result = addNumbers(5, "10");
 15    console.log(result);
```

_____

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

```
  1    /**
  2     * Generates a greeting message.
  3     *
  4     * @param {string} name - The name of the person. (Required)
  5     * @param {string=} [greeting='Hello'] - The greeting to be used. (Optional)
  6     * @returns {string} The generated greeting message.
  7     */
  8    function generateGreeting(name, greeting = 'Hello') {
  9        return `${greeting}, ${name}!`;
 10    }
```

_____