DWA_03.4 Knowledge Check_DWA3.1
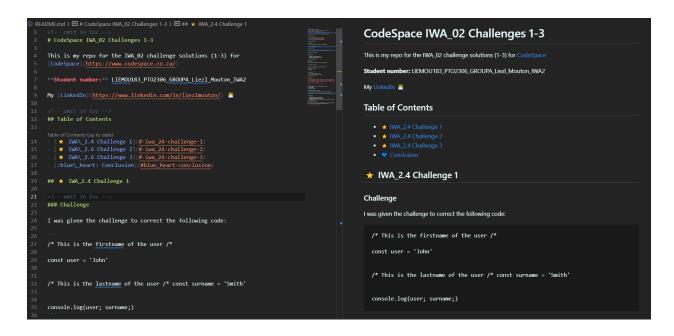
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1. Please show how you applied a Markdown File to a piece of your code.

README.md can be viewed at:
https://github.com/SoftDevLiz/LIEMOU183_PTO2306_GROUPA_Liezl_Mouton_IWA2

Snippet:

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

Q for Elsabe: How do I create a JSDoc typedef
Of an object that has sub objects?


```
/**
 * @typedef {object} expenses - An object containing a list of expenses
 * @property {number} food - Food as an expense, strictly a numerical amount
 * @property {number} transport - Transport as an expense, strictly a numerical amount
 */

/** @type {expenses} */
const expenses = {
  food: 51.7501,
  transport: 10.2,
};
```

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

Without errors:

```js
JS scripts.js > [●] expenses
 1    // @ts-check
 2
 3    const salary = 4000;
 4    const lodging = "apartment";
 5    const size = "large";
 6
 7    // Only change the syntax below (not the values or key names)
 8
 9    /**
10     * @typedef {object} expenses - An object containing a list of expenses
11     * @property {number} food - Food as an expense, strictly a numerical amount
12     * @property {number} transport - Transport as an expense, strictly a numerical amount
13     */
14
15    /** @type {expenses} */
16    const expenses = {
17      food: 51.7501,
18      transport: 10.2,
19    };
```

With errors:

```js
JS scripts.js > [●] expenses > ● foo
 1    // @ts-check
 2
 3    const salary = 4000;
 4    const lodging = "apartment";
 5    const size = "large";
 6
 7    // Only change the syntax below (not the values or key names)
 8
 9    /**
10     * @typedef {object} expenses - An object containing a list of expenses
11     * @property {number} food - Food as an expense, strictly a numerical amount
12     * Object literal may only specify known properties, but 'foo' does not exist in type 'expenses'. Did you mean to write 'food'?
13     * ts(2561)
14
15    /* (property) foo: number
16    ● View Problem (Alt+F8)    Quick Fix... (Ctrl+.)
17      foo: 51.7501,
18      transport: 10.2,
19    };
20
```

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

I explored created actual JSDoc documentation

Global

Members

(constant) expenses : expenses

Type:

- expenses

Source: scripts.js, line 16

Type Definitions

expenses

An object containing a list of expenses

Type:

- object

Properties:

Name	Type	Description
food	number	Food as an expense, strictly a numerical amount
transport	number	Transport as an expense, strictly a numerical amount

Source: scripts.js, line 9

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