DWA_03.4 Knowledge Check_DWA3.1

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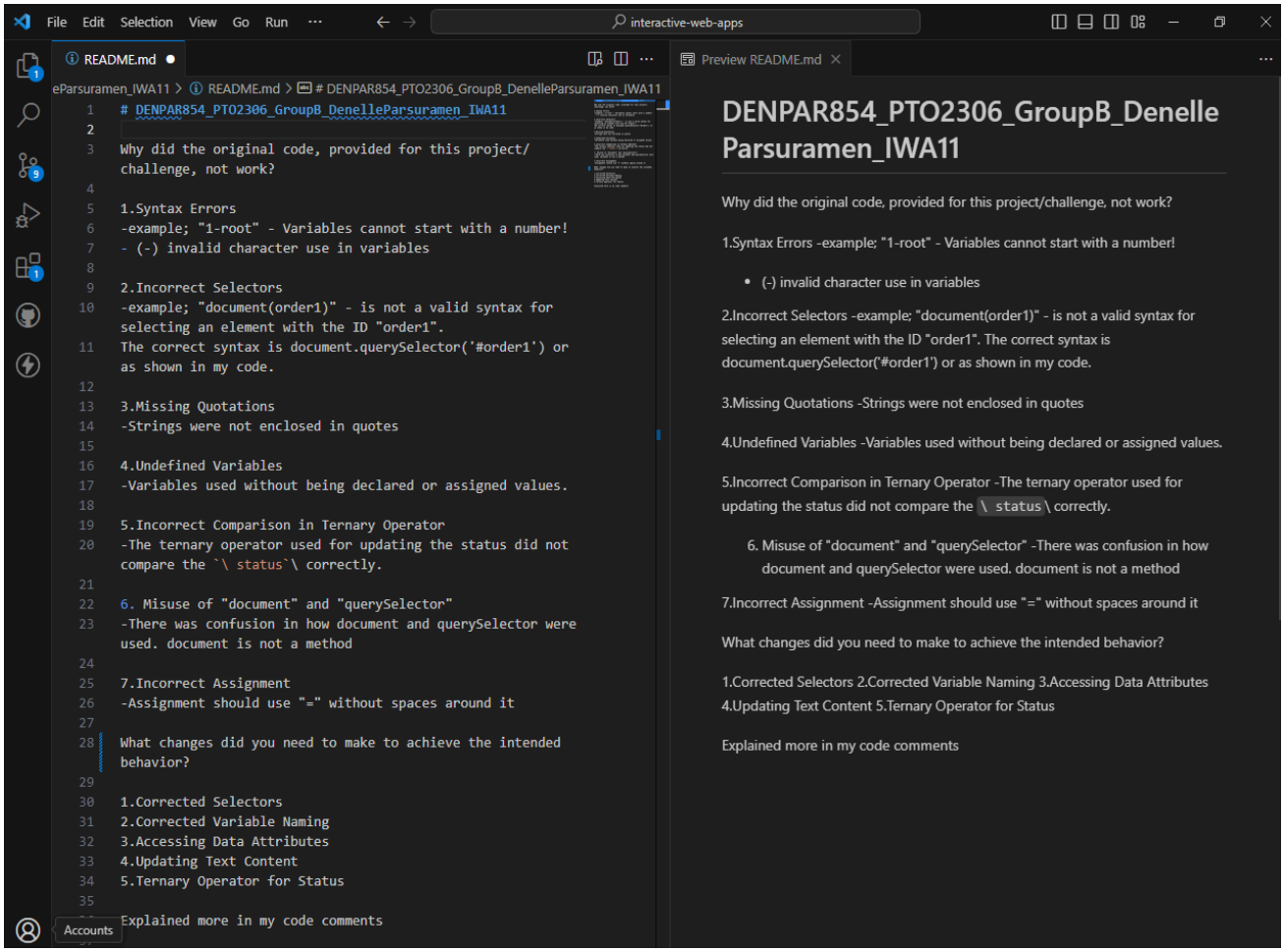
1. Please show how you applied a Markdown File to a piece of your code.



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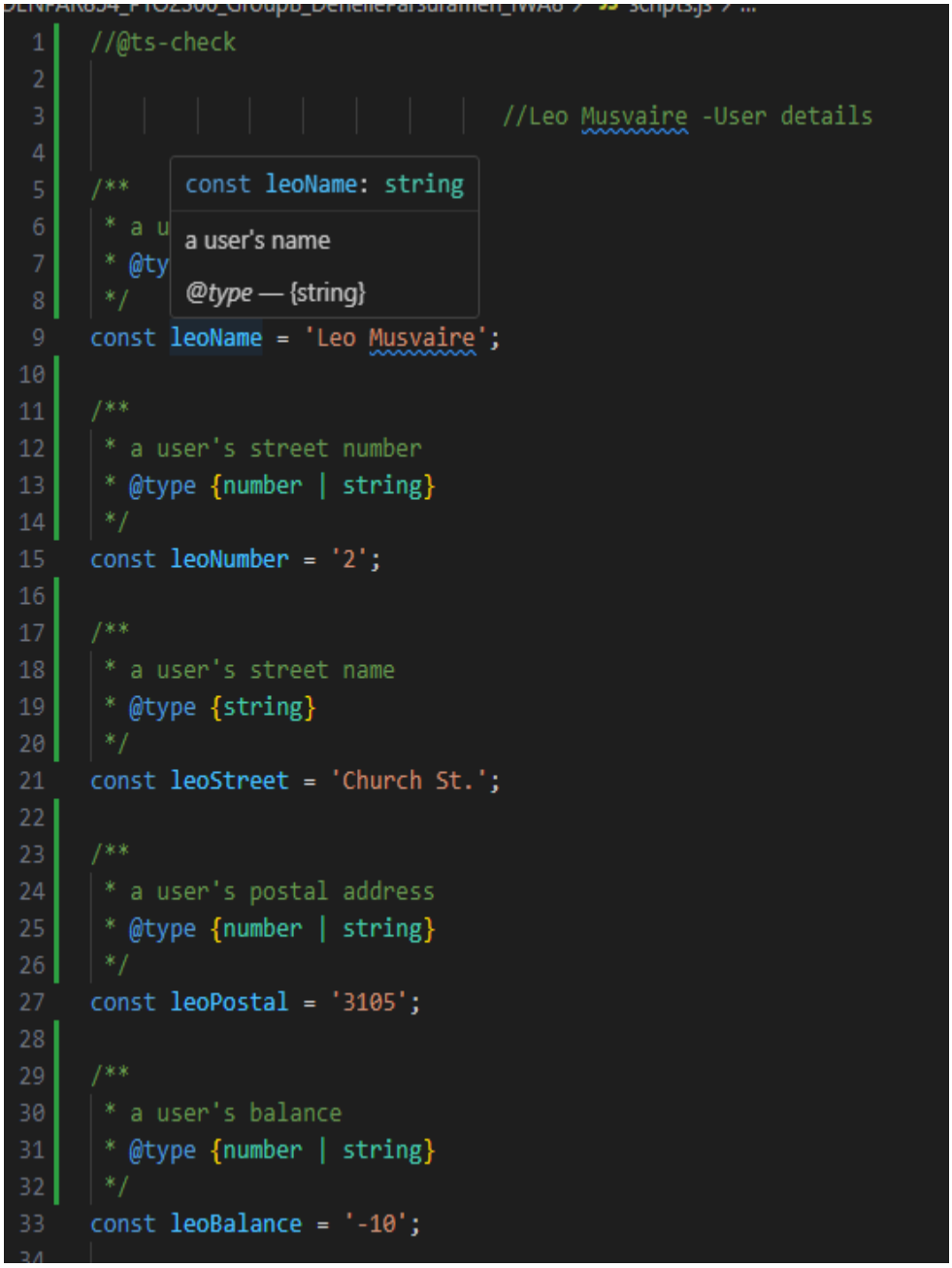
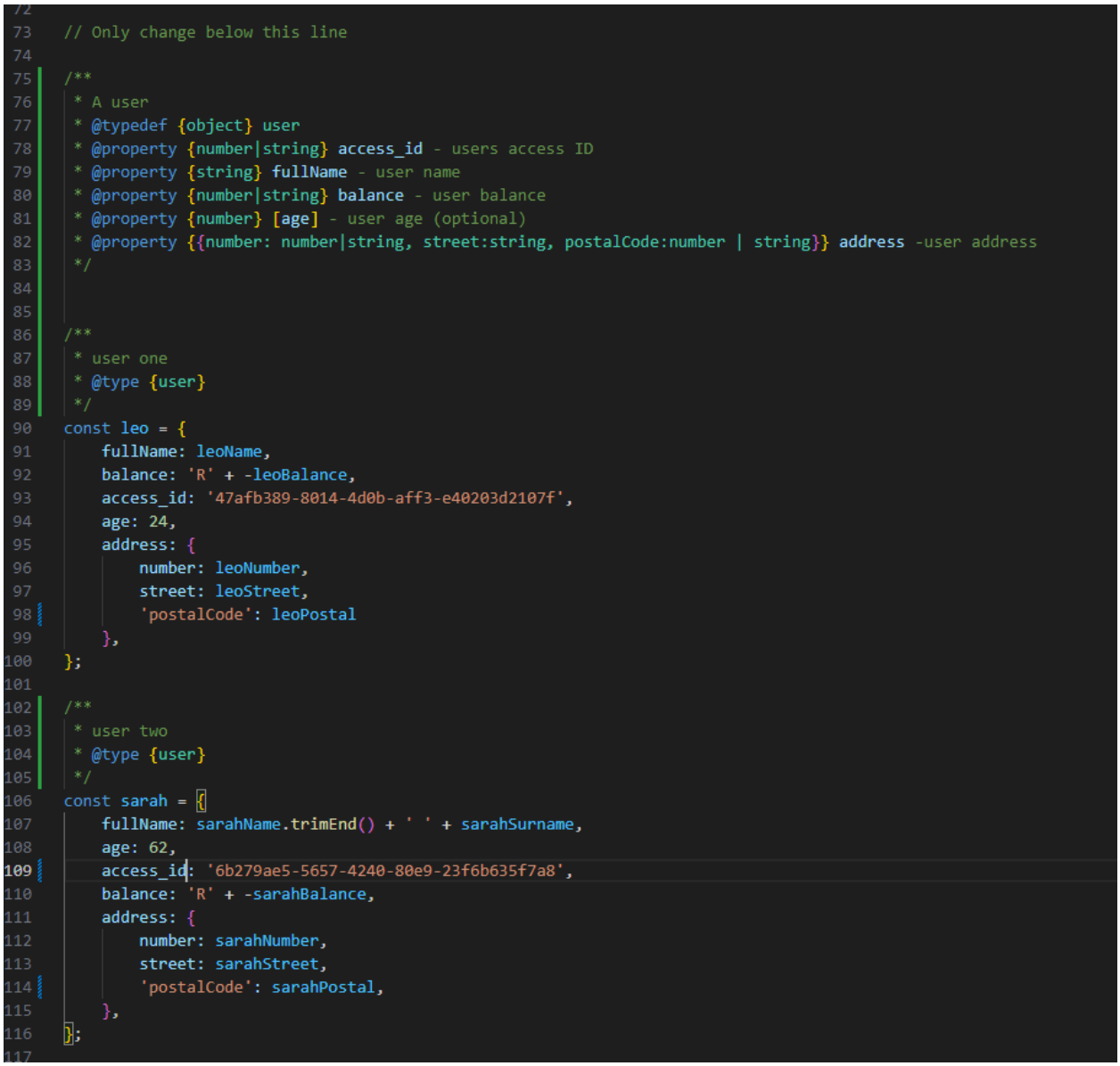
2. Please show how you applied JSDoc Comments to a piece of your code.

```
/**
 * Preview element functionality:
 * Setting initial button text for loading books
 *
 * @type {Object}
 * @property {HTMLButtonElement} button - The button element for loading books.
 */
html.list.button.textContent = "Show More" + "(" + books.length + ")"


/**
 * Loads and displays books on the page.
 *
 * @param {Event} event - The click event triggering the book loading.
 * @returns {void}
 */
const loadBooks = (event) => {
    event.preventDefault();
    // Updating button text and extracting a slice of books
    html.list.message.classList = 'list__message'
    const extracted = books.slice(index, index + BOOKS_PER_PAGE);
    const booksLeft = books.length - index
    html.list.button.textContent = "Show More" + "(" + booksLeft + ")"

```

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



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



```
// Only change below this line

/**
 * A user
 * @typedef {object} user
 * @property {number|string} access_id - users access ID
 * @property {string} fullName - user name
 * @property {number|string} balance - user balance
 * @property {number} [age] - user age (optional)
 * @property {{number: number|string, street:string, postalCode:number | string}} address -user address
 */


/**
 * user one
 * @type {user}
 */
const leo = {
    fullName: leoName,
    balance: 'R' + -leoBalance,
    access_id: '47afb389-8014-4d0b-aff3-e40203d2107f',
    age: 24,
    address: {
        number: leoNumber,
        street: leoStreet,
        'postalCode': leoPostal
    },
};

/**
 * user two
 * @type {user}
 */
const sarah = {
    fullName: sarahName.trimEnd() + ' ' + sarahSurname,
    age: 62,
    access_id: '6b279ae5-5657-4240-80e9-23f6b635f7a8',
    balance: 'R' + -sarahBalance,
    address: {
        number: sarahNumber,
        street: sarahStreet,
        'postalCode': sarahPostal,
    },
};
```