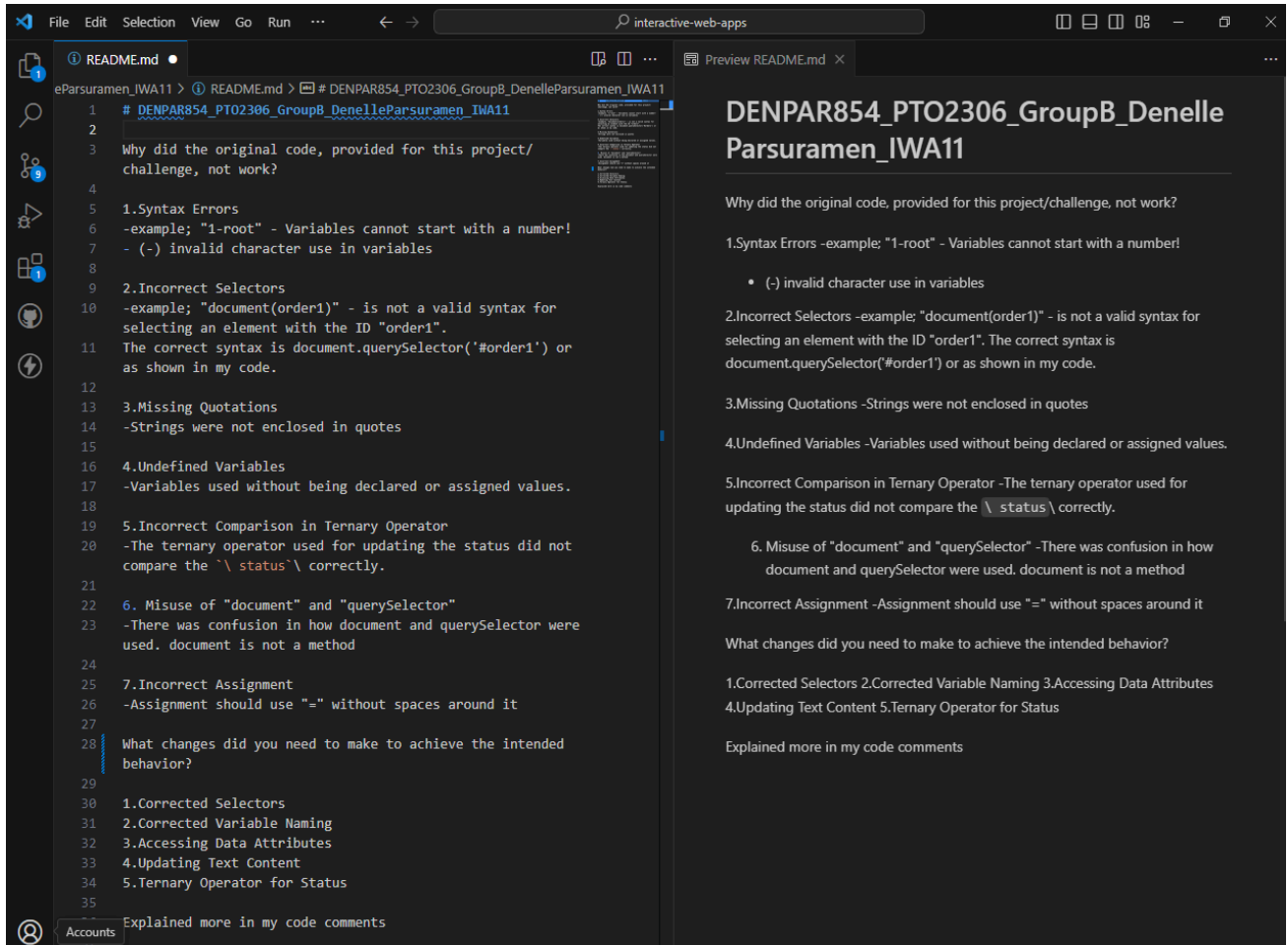


# DWA\_03.4 Knowledge Check\_DWA3.1

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



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

```
40  /**
41   * Preview element functionality:
42   * Setting initial button text for loading books
43   *
44   * @type {Object}
45   * @property {HTMLButtonElement} button - The button element for loading books.
46   */
47  html.list.button.textContent = "Show More" + "(" + books.length + ")"
48
49
50  /**
51   * Loads and displays books on the page.
52   *
53   * @param {Event} event - The click event triggering the book loading.
54   * @returns {void}
55   */
56  const loadBooks = (event) => {
57    event.preventDefault();
58    // Updating button text and extracting a slice of books
59    html.list.message.classList = 'list__message'
60    const extracted = books.slice(index, index + BOOKS_PER_PAGE);
61    const booksLeft = books.length - index
62    html.list.button.textContent = "Show More" + "(" + booksLeft + ")"
63  }
```

---

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

```
1 //@ts-check
2
3 | | | | | | | //Leo Musvaire -User details
4
5 /** const leoName: string
6 * a u a user's name
7 * @ty @type — {string}
8 */
9 const leoName = 'Leo Musvaire';
10
11 /**
12 * a user's street number
13 * @type {number | string}
14 */
15 const leoNumber = '2';
16
17 /**
18 * a user's street name
19 * @type {string}
20 */
21 const leoStreet = 'Church St.';
22
23 /**
24 * a user's postal address
25 * @type {number | string}
26 */
27 const leoPostal = '3105';
28
29 /**
30 * a user's balance
31 * @type {number | string}
32 */
33 const leoBalance = '-10';
34
```

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

```
72
73 // Only change below this line
74
75 /**
76  * A user
77  * @typedef {object} user
78  * @property {number|string} access_id - users access ID
79  * @property {string} fullName - user name
80  * @property {number|string} balance - user balance
81  * @property {number} [age] - user age (optional)
82  * @property {{number: number|string, street:string, postalCode:number | string}} address -user address
83  */
84
85
86 /**
87  * user one
88  * @type {user}
89  */
90 const leo = {
91   fullName: leoName,
92   balance: 'R' + -leoBalance,
93   access_id: '47afb389-8014-4d0b-aff3-e40203d2107f',
94   age: 24,
95   address: {
96     number: leoNumber,
97     street: leoStreet,
98     'postalCode': leoPostal
99   },
100 };
101
102 /**
103  * user two
104  * @type {user}
105  */
106 const sarah = {
107   fullName: sarahName.trimEnd() + ' ' + sarahSurname,
108   age: 62,
109   access_id: '6b279ae5-5657-4240-80e9-23f6b635f7a8',
110   balance: 'R' + -sarahBalance,
111   address: {
112     number: sarahNumber,
113     street: sarahStreet,
114     'postalCode': sarahPostal,
115   },
116 };
117
```