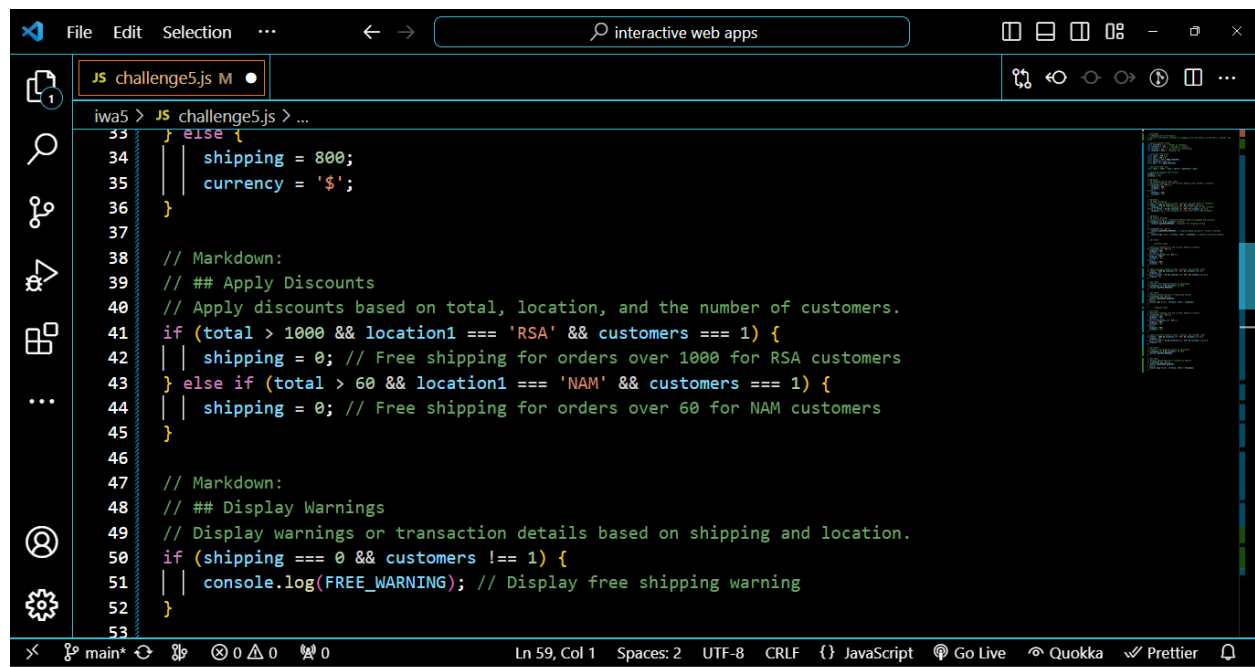


# DWA\_03.4 Knowledge Check\_DWA3.1

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



The screenshot shows a code editor window with a dark theme. The file name is 'JS challenge5.js M'. The code is JavaScript, and the editor shows line numbers from 33 to 53. The code includes several JSDoc comments and conditional logic for shipping and discounts.

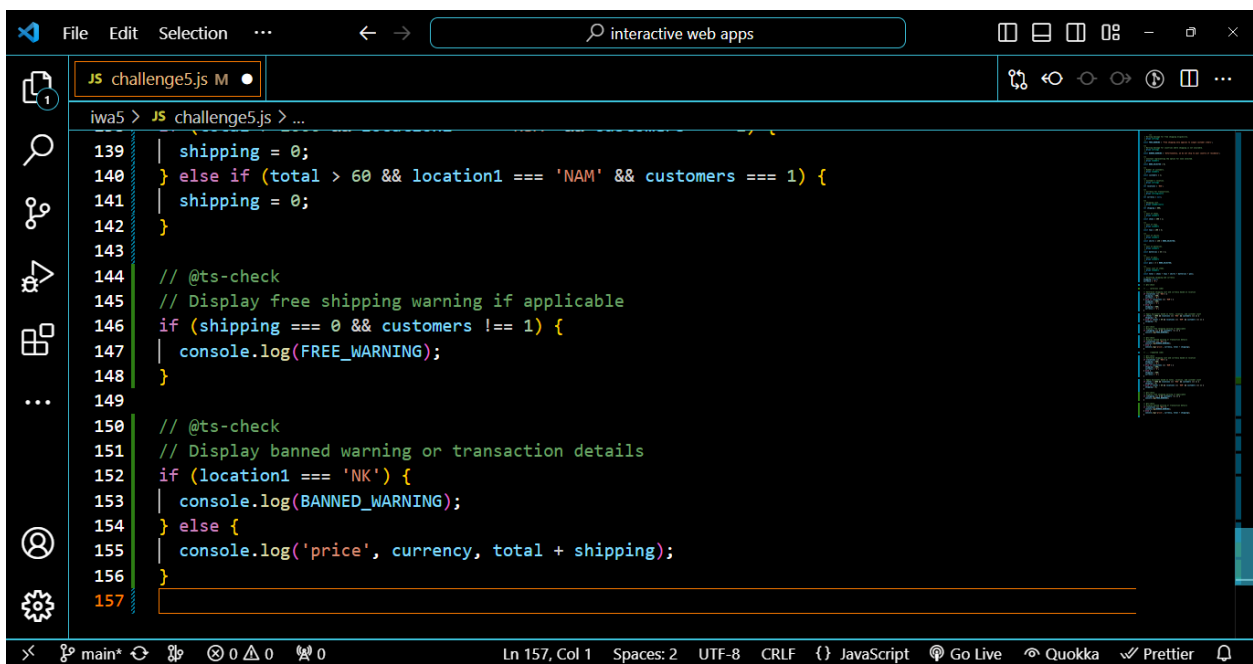
```
33 } else {  
34 |   shipping = 800;  
35 |   currency = '$';  
36 | }  
37  
38 // Markdown:  
39 // ## Apply Discounts  
40 // Apply discounts based on total, location, and the number of customers.  
41 if (total > 1000 && location1 === 'RSA' && customers === 1) {  
42 |   shipping = 0; // Free shipping for orders over 1000 for RSA customers  
43 | } else if (total > 60 && location1 === 'NAM' && customers === 1) {  
44 |   shipping = 0; // Free shipping for orders over 60 for NAM customers  
45 | }  
46  
47 // Markdown:  
48 // ## Display Warnings  
49 // Display warnings or transaction details based on shipping and location.  
50 if (shipping === 0 && customers !== 1) {  
51 |   console.log(FREE_WARNING); // Display free shipping warning  
52 | }  
53
```

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



```
3  |  |  | /**
4  |  |  | * Warning message for free shipping eligibility.      You, 1 second ago • Uncommitted changes
5  |  |  | * @type {string}
6  |  |  | */
7  |  |  | const FREE_WARNING = 'Free shipping only applies to single customer orders';
8  |  |  |
9  |  |  | /**
10 |  |  | * Warning message for countries where shipping is not available.
11 |  |  | * @type {string}
12 |  |  | */
13 |  |  | const BANNED_WARNING = 'Unfortunately, we do not ship to your country of residence';
14 |  |  |
15 |  |  | /**
16 |  |  | * Constant representing the option for none selected.
17 |  |  | * @type {number}
18 |  |  | */
19 |  |  | const NONE_SELECTED = 0;
20 |  |  |
21 |  |  | /**
22 |  |  | * Number of customers.
```

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



```
139 | shipping = 0;
140 | } else if (total > 60 && location1 === 'NAM' && customers === 1) {
141 | shipping = 0;
142 | }
143 |
144 | // @ts-check
145 | // Display free shipping warning if applicable
146 | if (shipping === 0 && customers !== 1) {
147 |   console.log(FREE_WARNING);
148 | }
149 |
150 | // @ts-check
151 | // Display banned warning or transaction details
152 | if (location1 === 'NK') {
153 |   console.log(BANNED_WARNING);
154 | } else {
155 |   console.log('price', currency, total + shipping);
156 | }
157 |
```

---

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

---