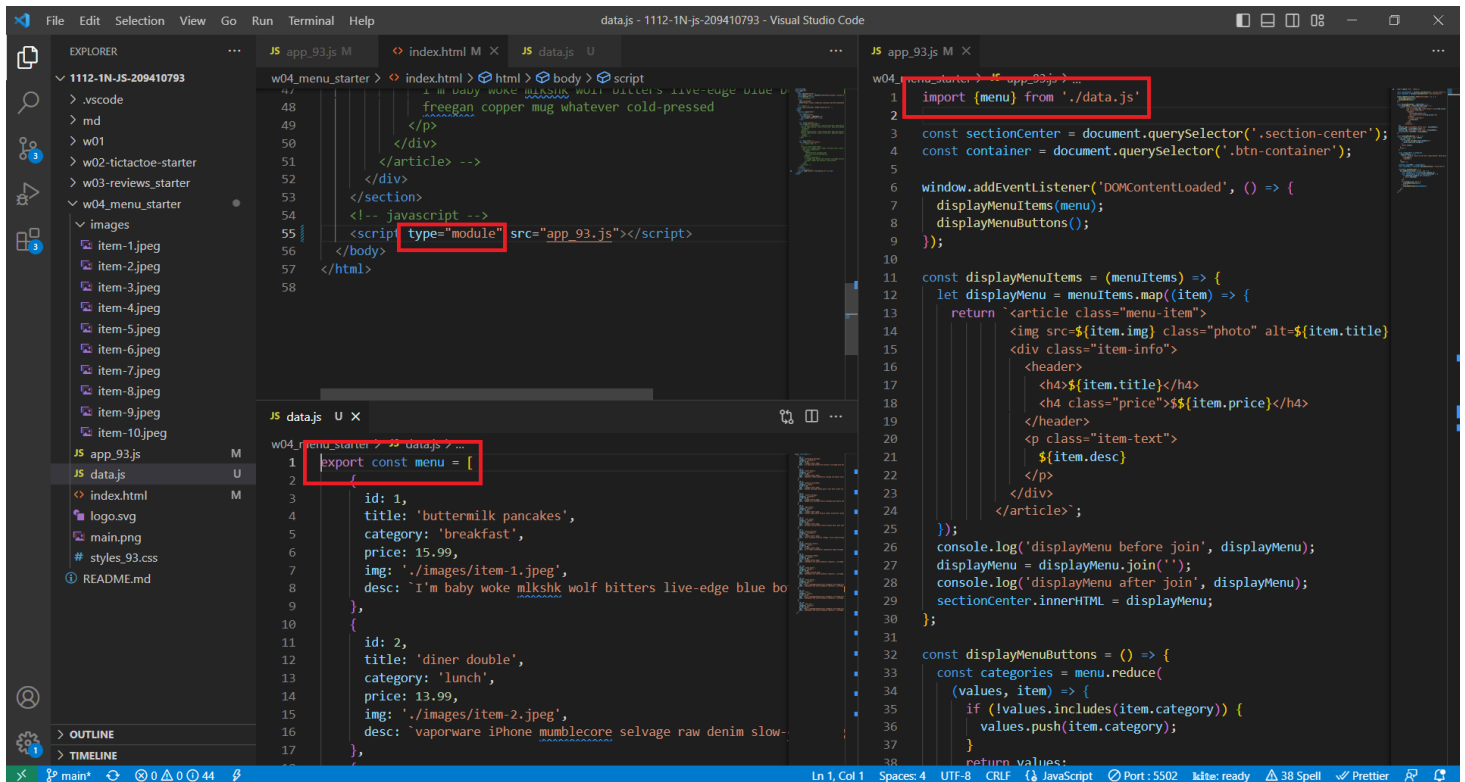


# W05-P1: use JavaScript module to import and export



The screenshot shows a Visual Studio Code editor with three files open: `index.html`, `data.js`, and `app_93.js`. The `index.html` file contains a script tag that imports `data.js` as a module. The `data.js` file exports a constant `menu` array. The `app_93.js` file imports the `menu` constant and uses it to render a menu in the browser.

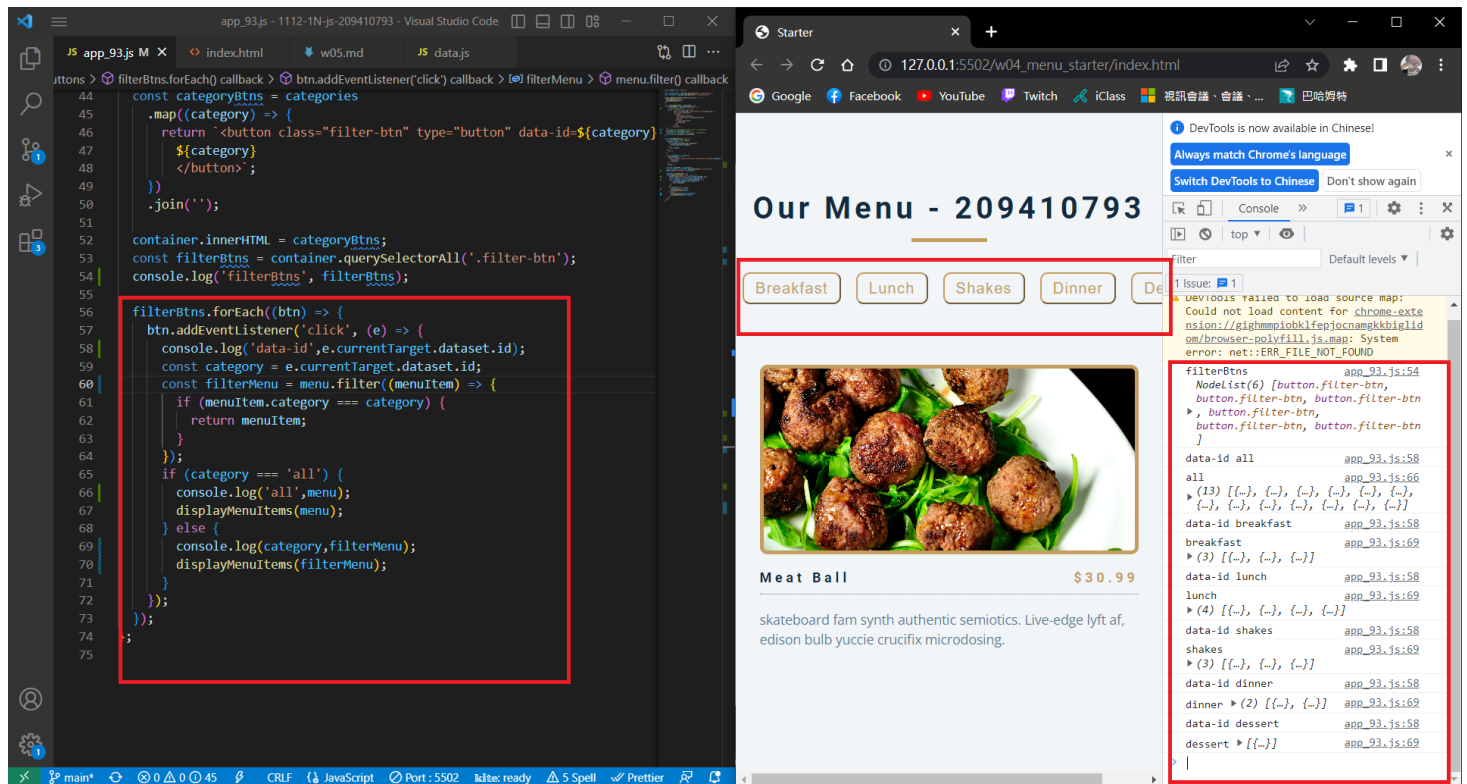
```
index.html
47 <script src="/data.js" type="module"></script>
48
49
50
51
52
53
54
55
56
57
58

data.js
1 export const menu = [
2   {
3     id: 1,
4     title: 'buttermilk pancakes',
5     category: 'breakfast',
6     price: 15.99,
7     img: './images/item-1.jpeg',
8     desc: 'I\'m baby woke mlkshk wolf bitters live-edge blue bo
9   },
10  {
11    id: 2,
12    title: 'diner double',
13    category: 'lunch',
14    price: 13.99,
15    img: './images/item-2.jpeg',
16    desc: 'vaporware iPhone mumblecore selvage raw denim slow-
17  },
18  ]
19

app_93.js
1 import {menu} from './data.js'
2
3 const sectionCenter = document.querySelector('.section-center');
4 const container = document.querySelector('.btn-container');
5
6 window.addEventListener('DOMContentLoaded', () => {
7   displayMenuItems(menu);
8   displayMenuButtons();
9 });
10
11 const displayMenuItems = (menuItems) => {
12   let displayMenu = menuItems.map((item) => {
13     return `<article class="menu-item">
14       <img src=${item.img} class="photo" alt=${item.title}
15       <div class="item-info">
16         <header>
17           <h4>${item.title}</h4>
18           <h4 class="price">${item.price}</h4>
19         </header>
20         <p class="item-text">
21           ${item.desc}
22         </p>
23       </div>
24     </article>`;
25   });
26   console.log('displayMenu before join', displayMenu);
27   displayMenu = displayMenu.join('');
28   console.log('displayMenu after join', displayMenu);
29   sectionCenter.innerHTML = displayMenu;
30 };
31
32 const displayMenuButtons = () => {
33   const categories = menu.reduce(
34     (values, item) => {
35       if (!values.includes(item.category)) {
36         values.push(item.category);
37       }
38     },
39     []
40   );
41   const btnContainer = document.querySelector('.btn-container');
42   const btns = categories.map((category) => {
43     return `<button class="btn category-btn">${category}</button>`;
44   });
45   btnContainer.innerHTML = btns.join('');
46 }
```

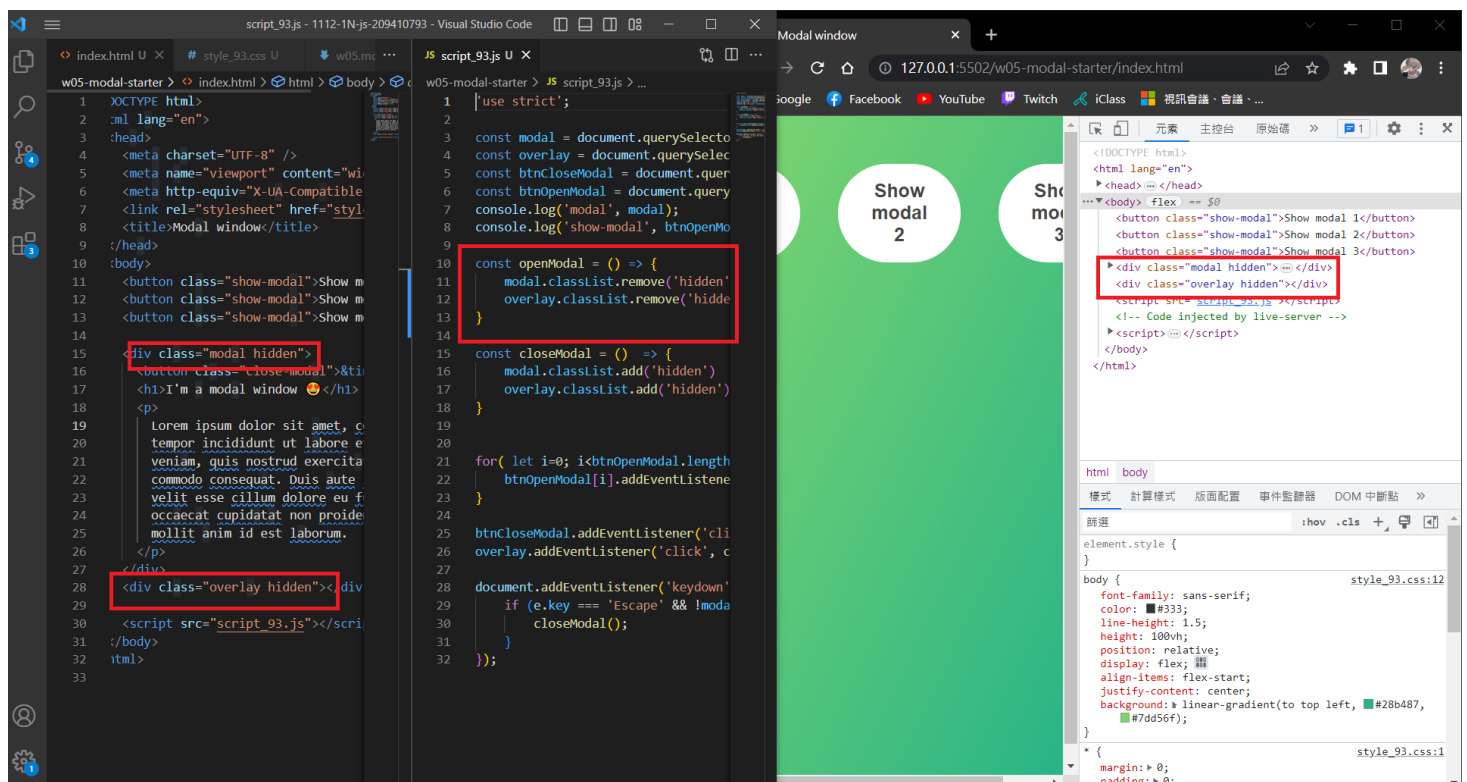
531612c Jun206 Thu Mar 16 18:49:48 2023 +0800 W05-P1: use JavaScript module to import and export

## W05-P2: implement all filter buttons with all tests in console.log

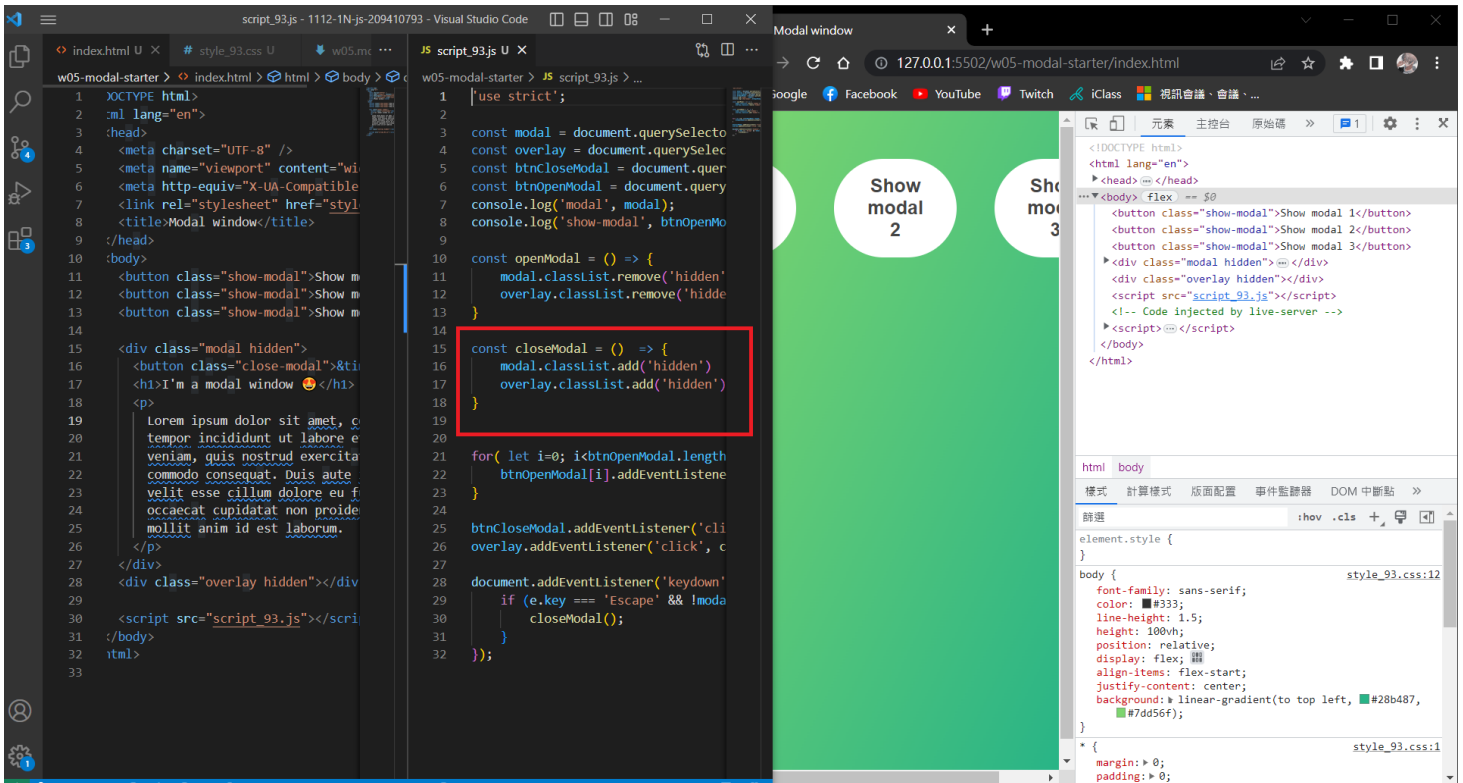


edbb150 Jun206 Thu Mar 16 20:03:22 2023 +0800 W05-P2: implement all filter buttons with all tests in console.log

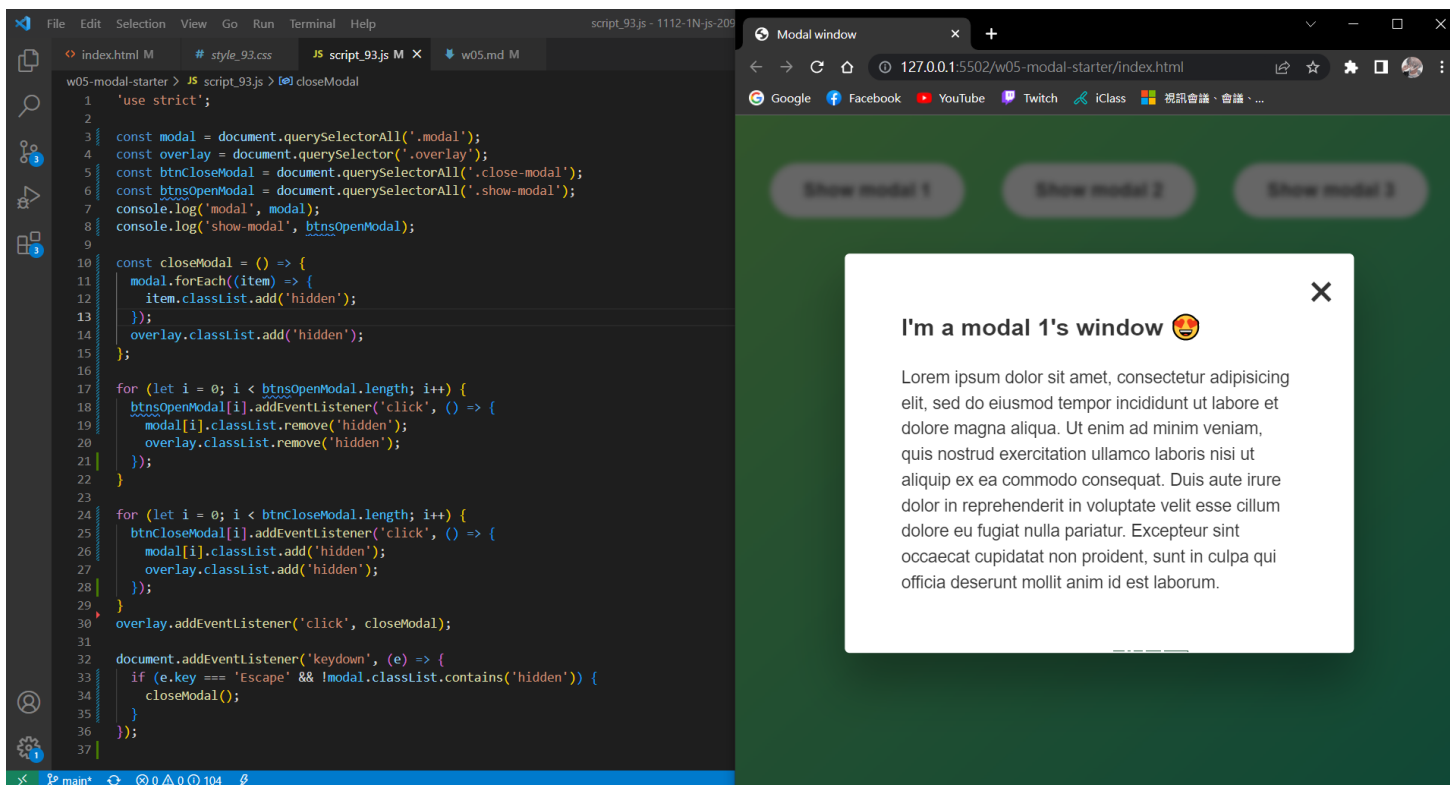
## W05-P3: show modal and overlay when pressing a button



## W05-P4: call closeModal to close modal, overlay; press ESC key will call closeModal as well



# W05-P5: press 3 different buttons can show 3 different modals



eb14483 Jun206 Thu Mar 16 22:06:50 2023 +0800 W05-P5: press 3 different buttons can show 3 different modals

## W05-logs

```
User@E201-02 MINGW64 /d/1112-1N-js-209410793 (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-3-15"
8f68e6e Jun206 Thu Mar 16 22:07:38 2023 +0800 W05-P5: press 3 different buttons can show 3 different modals
eb14483 Jun206 Thu Mar 16 22:06:50 2023 +0800 W05-P5: press 3 different buttons can show 3 different modals
35648bf Jun206 Thu Mar 16 21:02:09 2023 +0800 W05-P4: call closeModal to close modal, overlay; press ESC key will call closeModal as well
e8dc614 Jun206 Thu Mar 16 20:59:23 2023 +0800 W05-P3: show modal and overlay when pressing a button
edbb150 Jun206 Thu Mar 16 20:03:22 2023 +0800 W05-P2: implement all filter buttons with all tests in console.log
531612c Jun206 Thu Mar 16 18:49:48 2023 +0800 W05-P1: use JavaScript module to import and export
```

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2023-3-15"
8f68e6e Jun206 Thu Mar 16 22:07:38 2023 +0800 W05-P5: press 3 different buttons can show 3 different modals
eb14483 Jun206 Thu Mar 16 22:06:50 2023 +0800 W05-P5: press 3 different buttons can show 3 different modals
35648bf Jun206 Thu Mar 16 21:02:09 2023 +0800 W05-P4: call closeModal to close modal, overlay; press ESC key wi
e8dc614 Jun206 Thu Mar 16 20:59:23 2023 +0800 W05-P3: show modal and overlay when pressing a button
edbb150 Jun206 Thu Mar 16 20:03:22 2023 +0800 W05-P2: implement all filter buttons with all tests in console.lc
531612c Jun206 Thu Mar 16 18:49:48 2023 +0800 W05-P1: use JavaScript module to import and export
```