

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

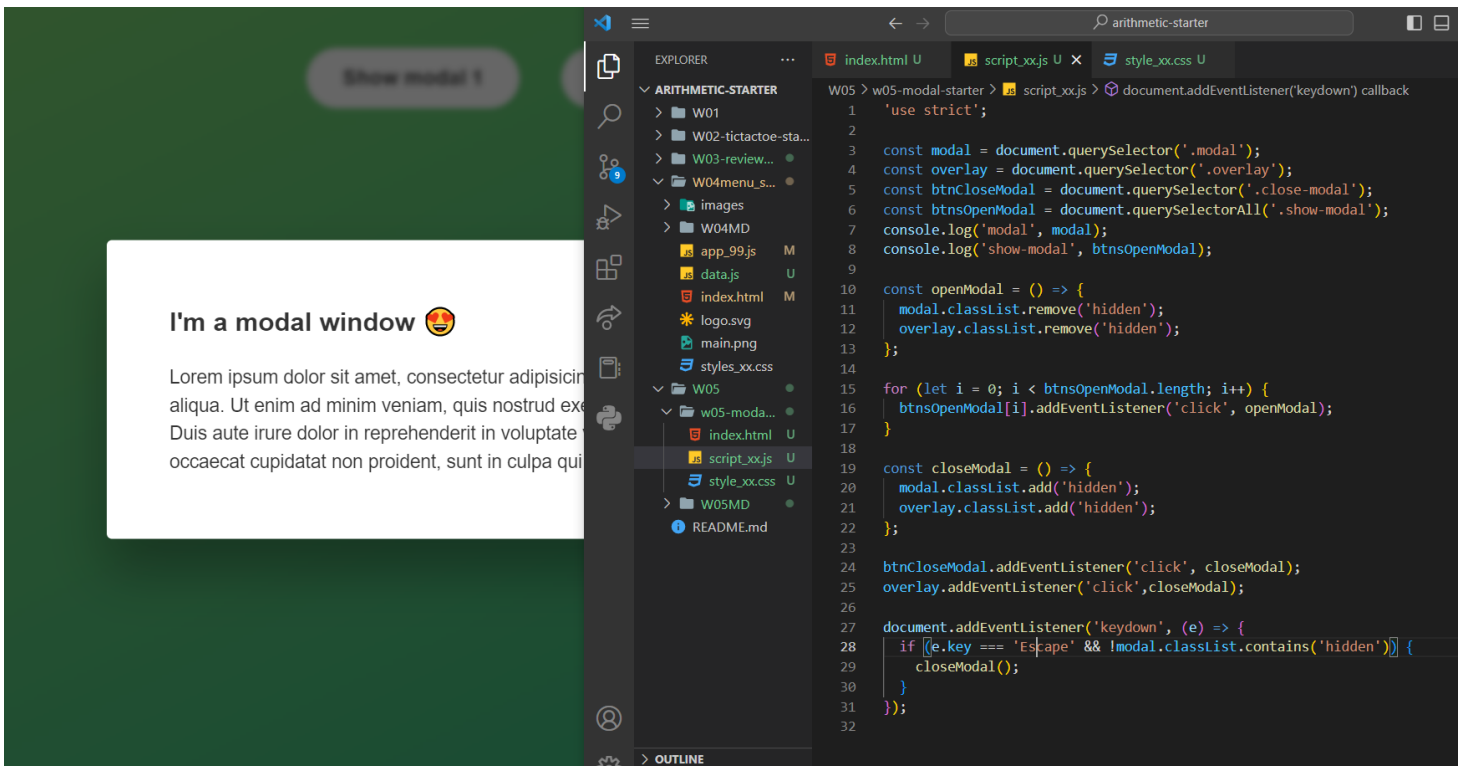
```
app_99.js M x index.html M
W04menu_starter_xx > app_99.js > [0] btn
1 import {menu} from './data.js'
2
3 const btn = ['all', 'breakfast', 'lunch', 'shakes'];
4
5 const categories = ['all', ...new Set(menu.map((item) => item.category))];
6
7 console.log('categories', categories);
8
9 const sectionCenter = document.querySelector('.section-center');
10 const btnContainer = document.querySelector('.btn-container');
11
12 const displayMenuItems = (menu) => {
13   let displayMenu = menu.map((item) => {
14     return `
15     <article class="menu-item">
16       <img src=${item.image} alt=${item.title} class="photo" />
17       <div class="item-info">
18         <header>
19           <h4>${item.title}</h4>
20           <h4>${item.price}</h4>
21         </header>
22         <p class="item-text">
23           ${item.desc}
24         </p>
25       </div>
26     </article>
27   `;
28   });
29   // console.log('displayMenu before', displayMenu);
30   displayMenu = displayMenu.join('');
31   // console.log('displayMenu after', displayMenu);
32   sectionCenter.innerHTML = displayMenu;
33 };
34
35 const btnItems = (btn) => {
36   let btnMenu = btn.map((item) => {
37     return `
38     <button type="button" class="filter-btn" data-id=${item}>${item}</button>
39   `;
40   });
41   btnMenu = btnMenu.join('');
42   // console.log("12", btnMenu);
43   btnContainer.innerHTML = btnMenu;
44 };
45
46 const filterBtns = document.querySelectorAll('.filter-btn');
47 // console.log('filterBtns', filterBtns);
48 filterBtns.forEach((btns) => {
49   btns.addEventListener('click', (e) => {
50     // console.log('dataId', e.currentTarget.dataset.id);
51     const category = e.currentTarget.dataset.id;
52     const filterMenu = menu.filter((item) => item.category === category);
53
54     // console.log('filterMenu', filterMenu);
55     if (category === 'all') {
56       // console.log('all', menu);
57       displayMenuItems(menu);
58     } else {
59       displayMenuItems(filterMenu);
60     }
61   });
62 });
```

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

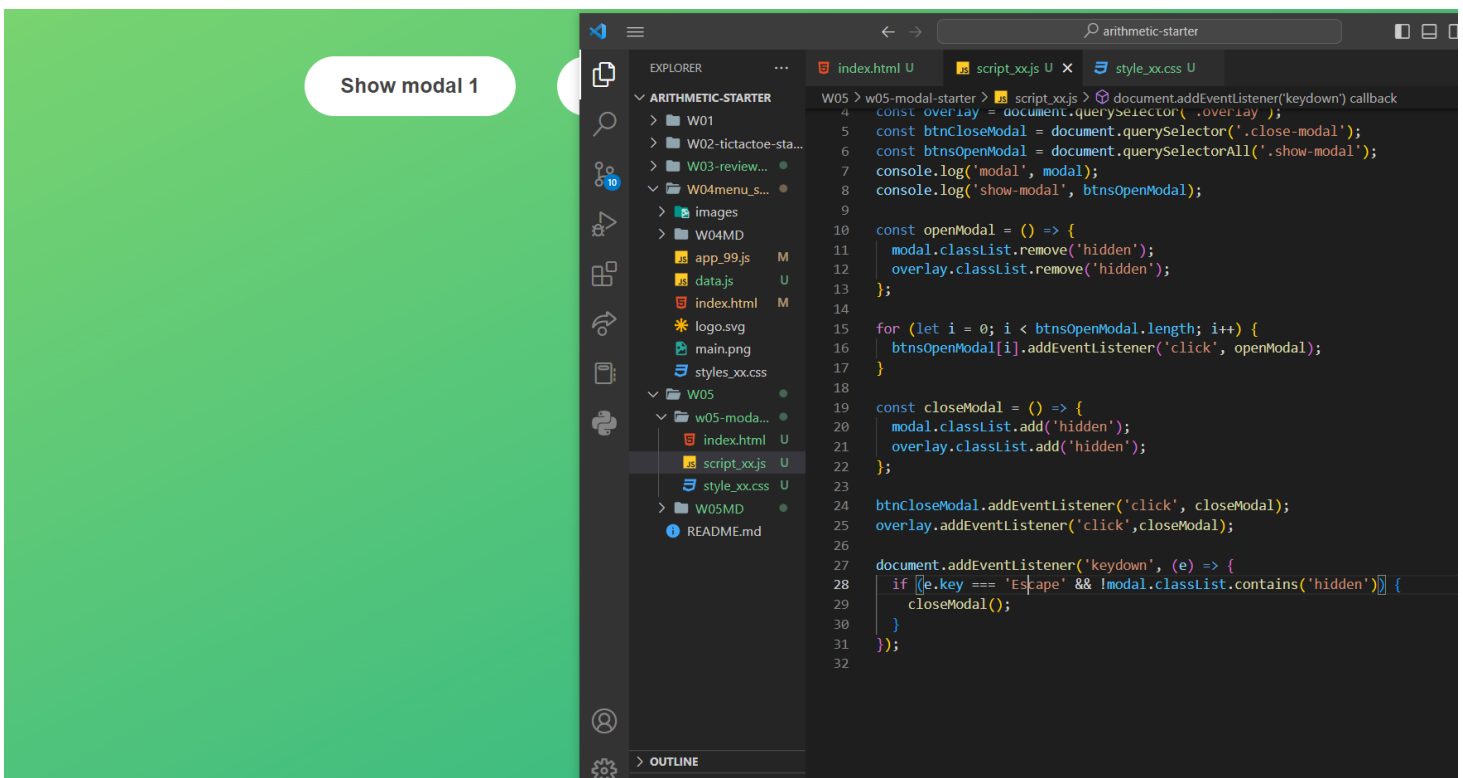
```
Our Menu - 209410
Breakfast Dinner Shake Deluxe Breakfast Hong K...
Godzilla Milkshake
Lorem ipsum dolor sit amet cons...
elit. Error neque, veniam, cumqu...
repudiandae repellat animi quia...
expedita deserunt eligendi pariat...
aspernatur. In quisquam quibusco...

app_99.js M x index.html M data.js U
W04menu_starter_xx > app_99.js > [0] btnItems > filterBtns.forEach() callback > btns.addEventListener
28 });
29 // console.log('displayMenu before', displayMenu);
30 displayMenu = displayMenu.join('');
31 // console.log('displayMenu after', displayMenu);
32 sectionCenter.innerHTML = displayMenu;
33 };
34
35 const btnItems = (btn) => {
36   let btnMenu = btn.map((category) => {
37     return `
38     <button type="button" class="filter-btn" data-id=${category}>${category}</button>
39   `;
40   });
41   btnMenu = btnMenu.join('');
42   // console.log("12", btnMenu);
43   btnContainer.innerHTML = btnMenu;
44 };
45
46 const filterBtns = document.querySelectorAll('.filter-btn');
47 // console.log('filterBtns', filterBtns);
48 filterBtns.forEach((btns) => {
49   btns.addEventListener('click', (e) => {
50     // console.log('dataId', e.currentTarget.dataset.id);
51     const category = e.currentTarget.dataset.id;
52     const filterMenu = menu.filter((item) => item.category === category);
53
54     // console.log('filterMenu', filterMenu);
55     if (category === 'all') {
56       // console.log('all', menu);
57       displayMenuItems(menu);
58     } else {
59       displayMenuItems(filterMenu);
60     }
61   });
62 });
```

## 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

