

The image shows a web development environment with three main components: a code editor, a browser, and DevTools.

Code Editor: The editor displays a JavaScript file named `script_34.js`. The code defines a menu structure with items and categories. A red box highlights the `menuCategories` array, and a green box highlights the `menuCategories` variable assignment. The code includes comments and console logs for debugging.

```
demo > w05_menu_34 > JS script_34.js X index.html
demo > w05_menu_34 > JS script_34.js > displayMenuItems > displayMenu > menu.map() callback
6 const displayMenuItems = (menu) => {
7   let displayMenu = menu
8   .map((item) => {
20     <header>
21       <h4>${title}</h4>
22       <h4 class="price">${price}</h4>
23     </header>
24     <p class="item-text">
25       ${desc}
26     </p>
27   </div>
28   </article>
29   }
30   .join('');
31   //console.log('displayMenu', displayMenu);
32   sectionCenter.innerHTML = displayMenu;
33 }
34 //const categories = ['all', 'breakfast', 'lunch', 'dinner', 'shakes']
35
36 const menuCategories = new Set(
37   menu.map((item) => {
38     return item.category;
39   })
40 );
41 console.log('menuCategories', menuCategories);
42
43 const categories = ['all', ...menuCategories];
44 console.log('categories', categories);
45
46 const displayMenuButtons = () => {}
47
48 window.addEventListener('DOMContentLoaded', () => {
49   displayMenuItems(menu);
50   displayMenuButtons();
51 });
```

Browser: The browser displays a web page titled "Our Menu". The page features a header with the title "Our Menu" and a navigation bar with buttons for "All", "Breakfast", "Lunch", and "Shakes". Below the navigation bar, there is a large image of a stack of pancakes with fruit and a small bowl of whipped cream. The page also displays the item "Fried Noodles" with a price of \$15.99.

DevTools: The DevTools console shows the output of the JavaScript code. The `menuCategories` variable is logged as a Set containing the categories "lunch" and "dinner". The `categories` variable is logged as an array containing "all", "breakfast", "lunch", and "dinner".

W06-P2: Display Menu buttons from categories array

```
8cc9ae8 A-iong  Fri Mar 29 22:38:53 2024 +0800  W06-P2: Display Menu buttons from
categories array
```

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```
#### => choose breakfast



#### => choose shakes

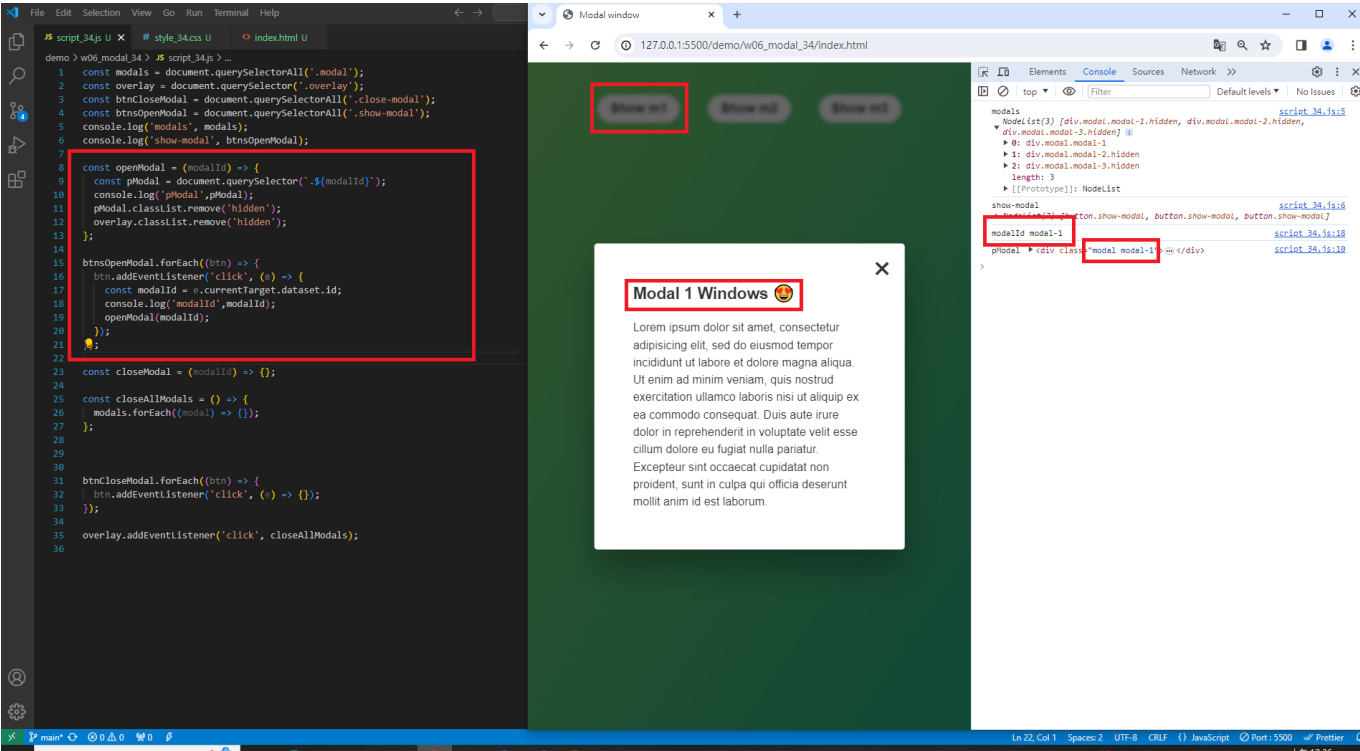


#### => choose all


```

e9d06af A-iong Fri Mar 29 23:49:36 2024 +0800 W06-P3: implement filter buttons

W06-P4: implement open modals



b73d194 A-iong Sat Mar 30 00:40:14 2024 +0800 W06-P4: implement open modals