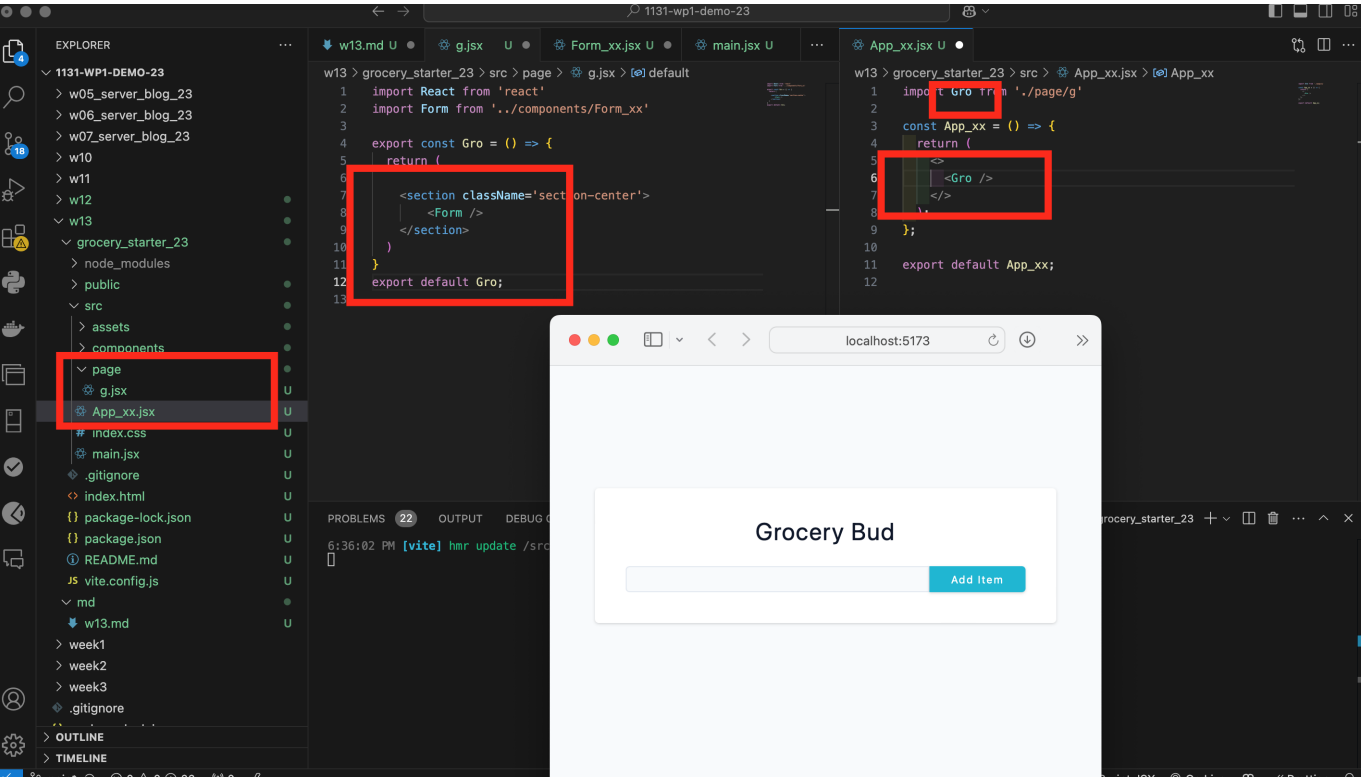


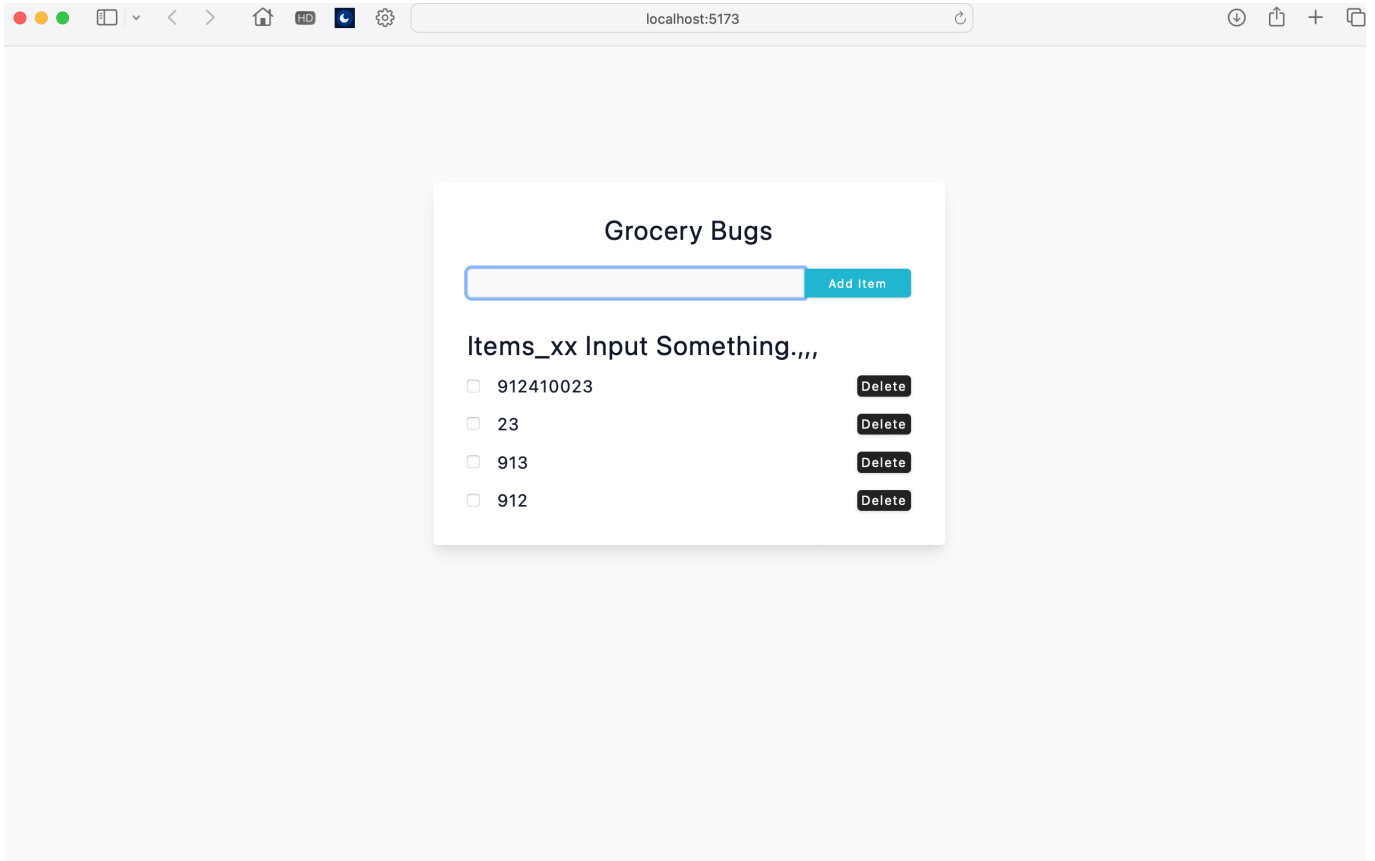
W13-P1: Show initially the form



W13-P2: Implement addItem, and display all items

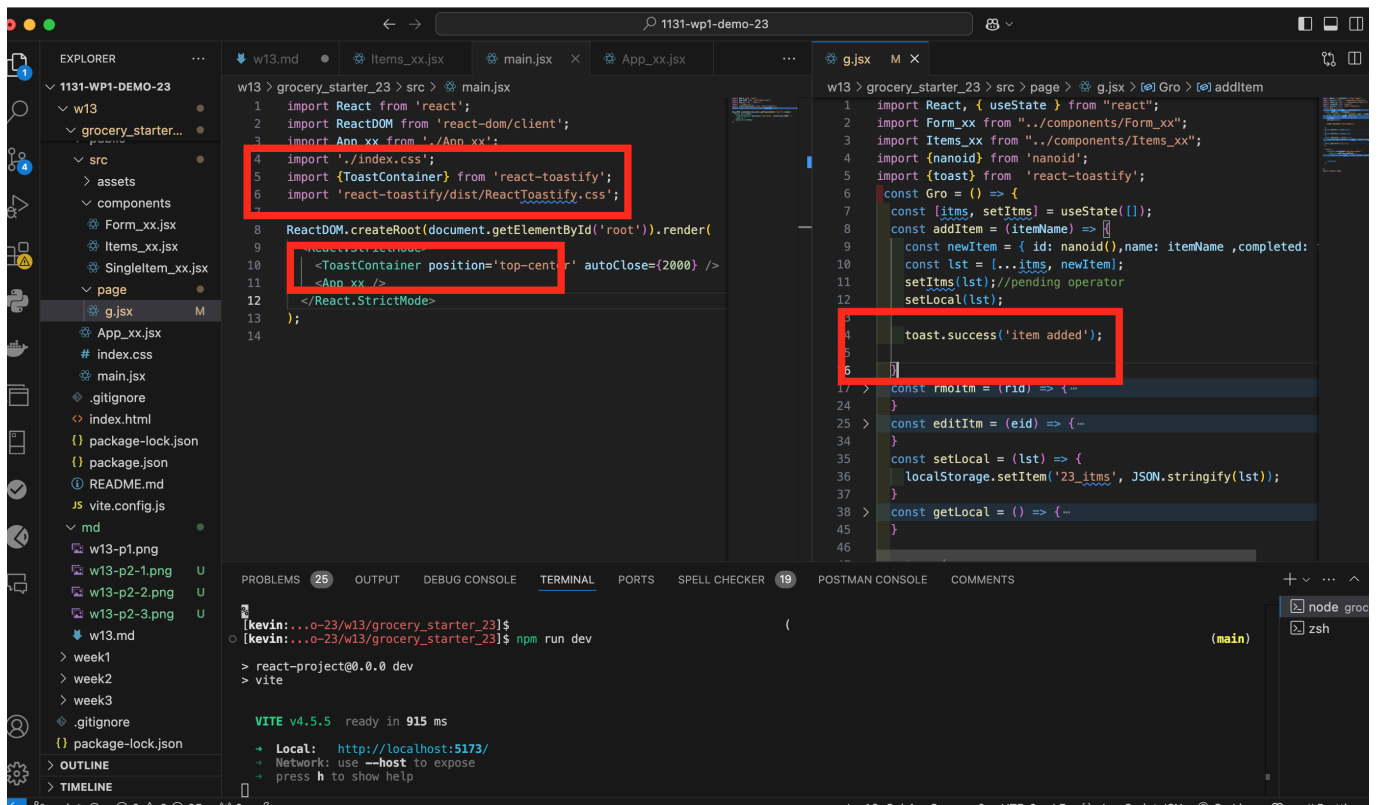
=> Form_xx.jsx, Grocery_xx.jsx code



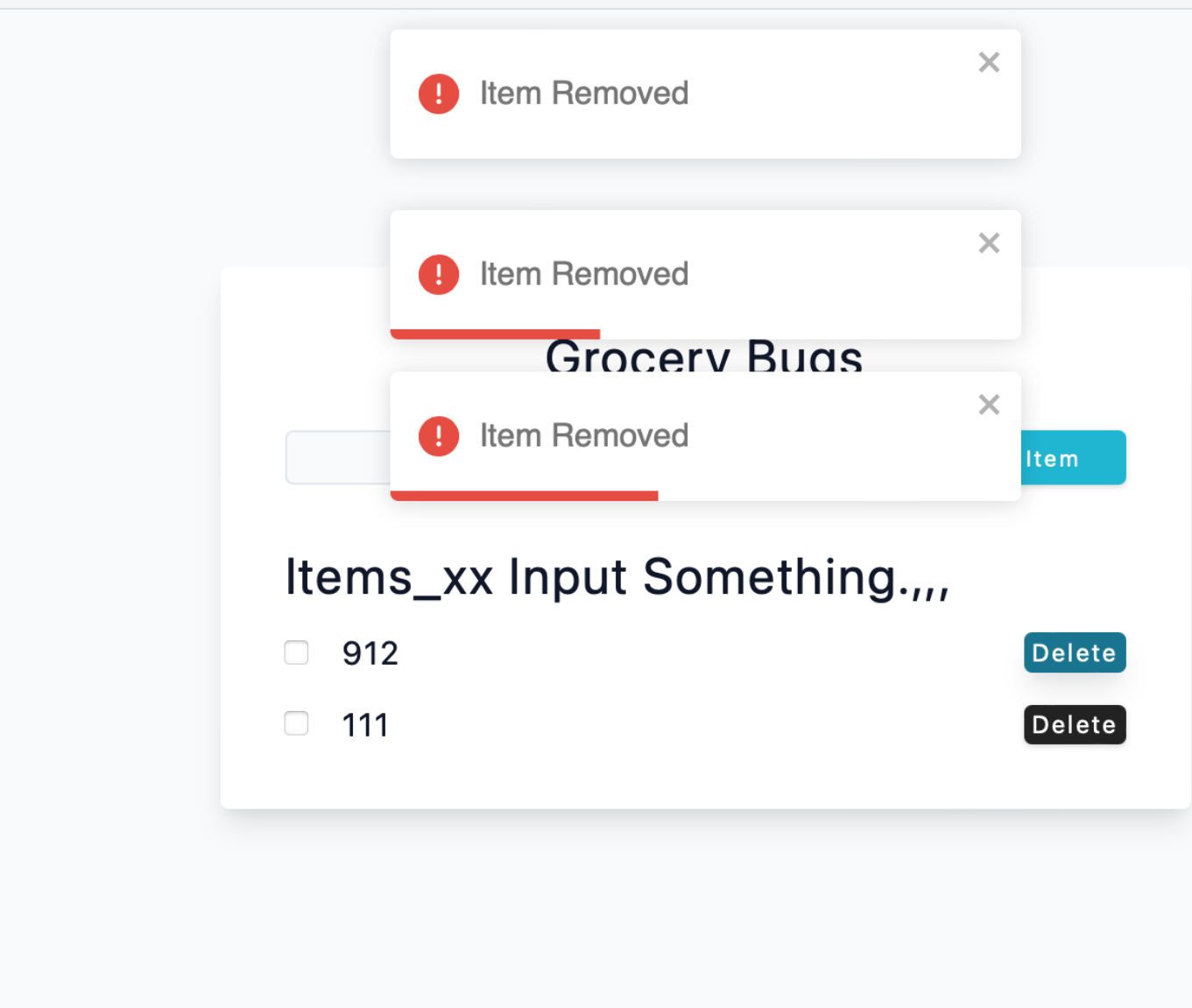


W13-P3: Add react-toastify for alert, implement delete item

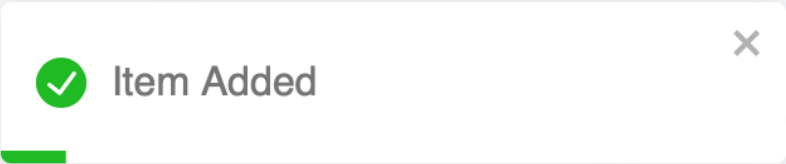
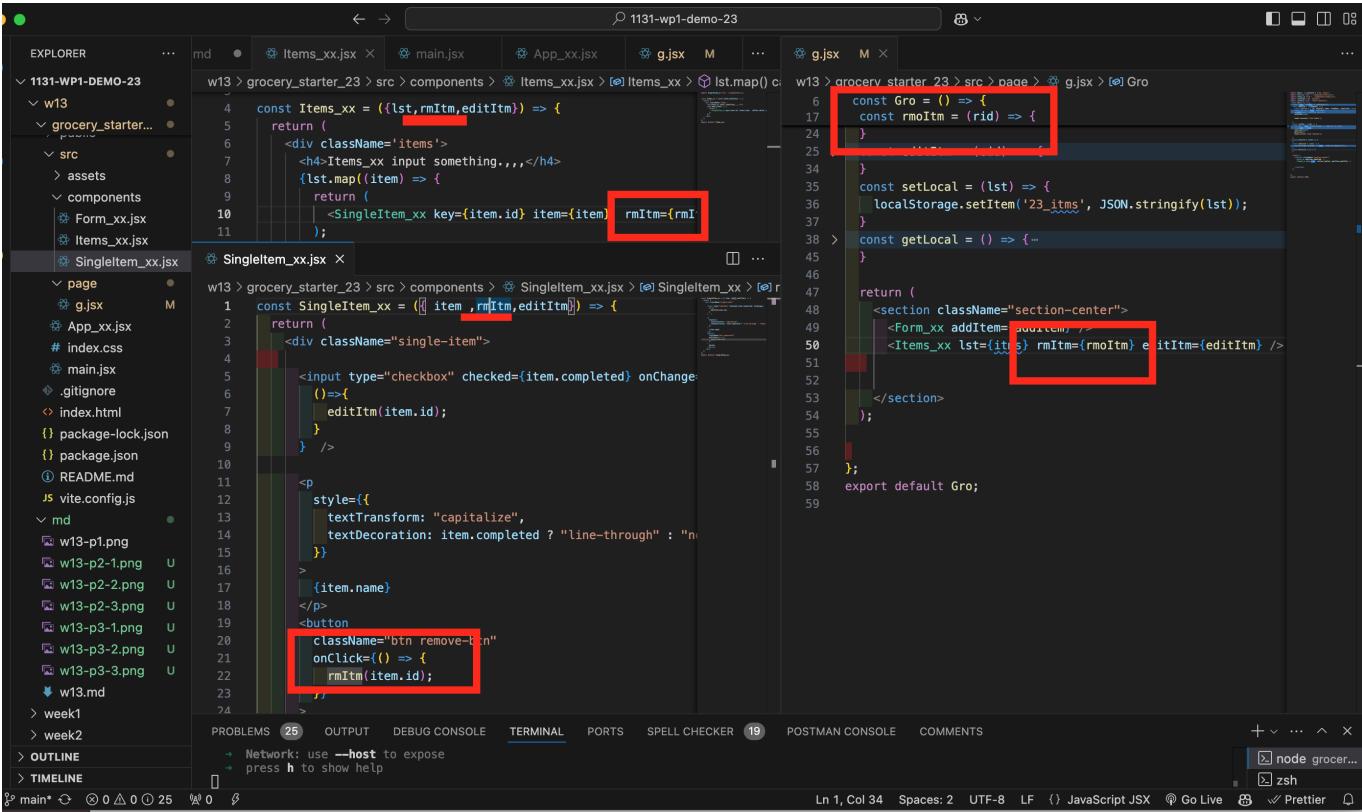
=> Show how to make react-toastify work



=> Add three items, and remove the second one



=> Show how removeItem() being transferred from GroceryPage_xx -> Items_xx -> SingleItem_xx



Grocery Bugs

Add Item

Items_xx Input Something,,,,

- ☐ 912

Delete
- ☐ 111

Delete
- ☐ 123123

Delete
- ☐ 123

Delete

W13-P4: Implement editItem

=> => Add three items, and edit the third item by pressing checkbox

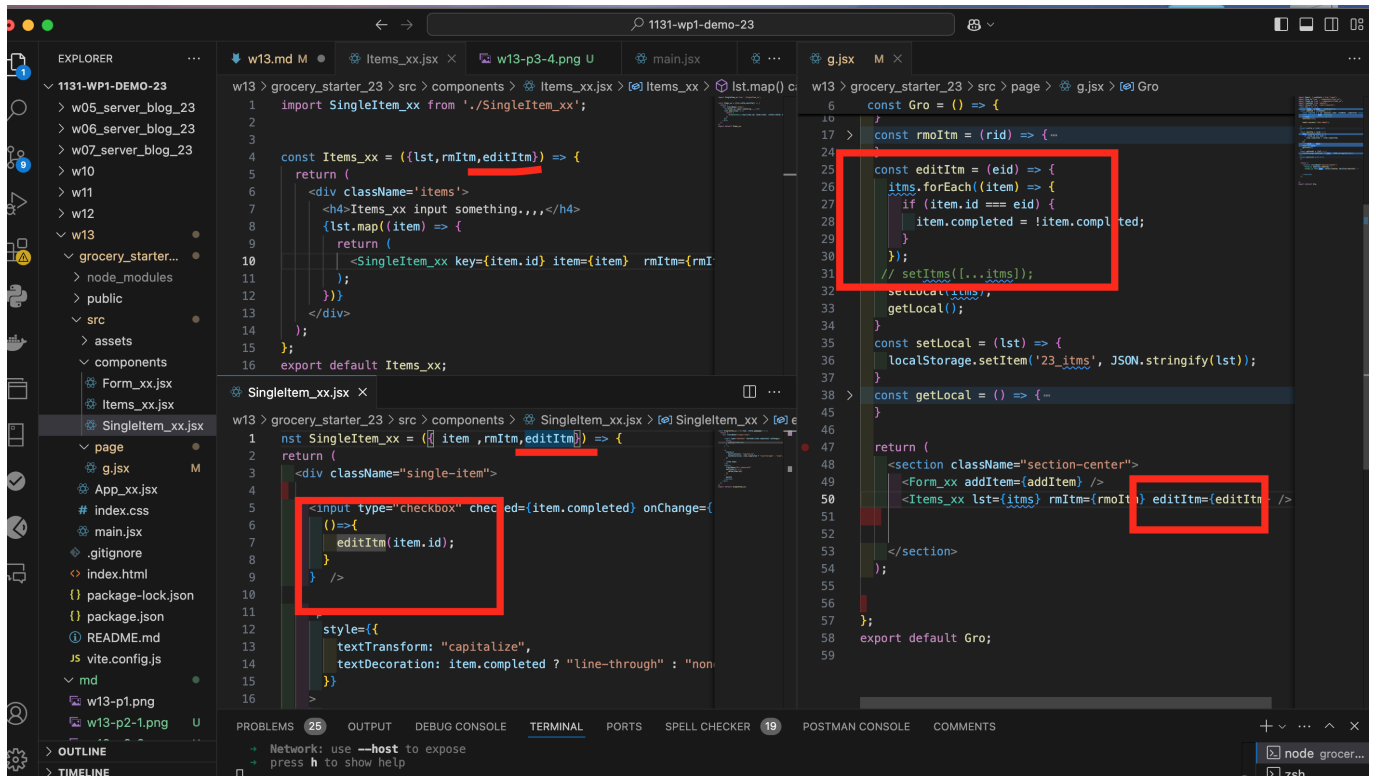
Grocery Bugs

Add Item

Items_xx Input Something.,,,

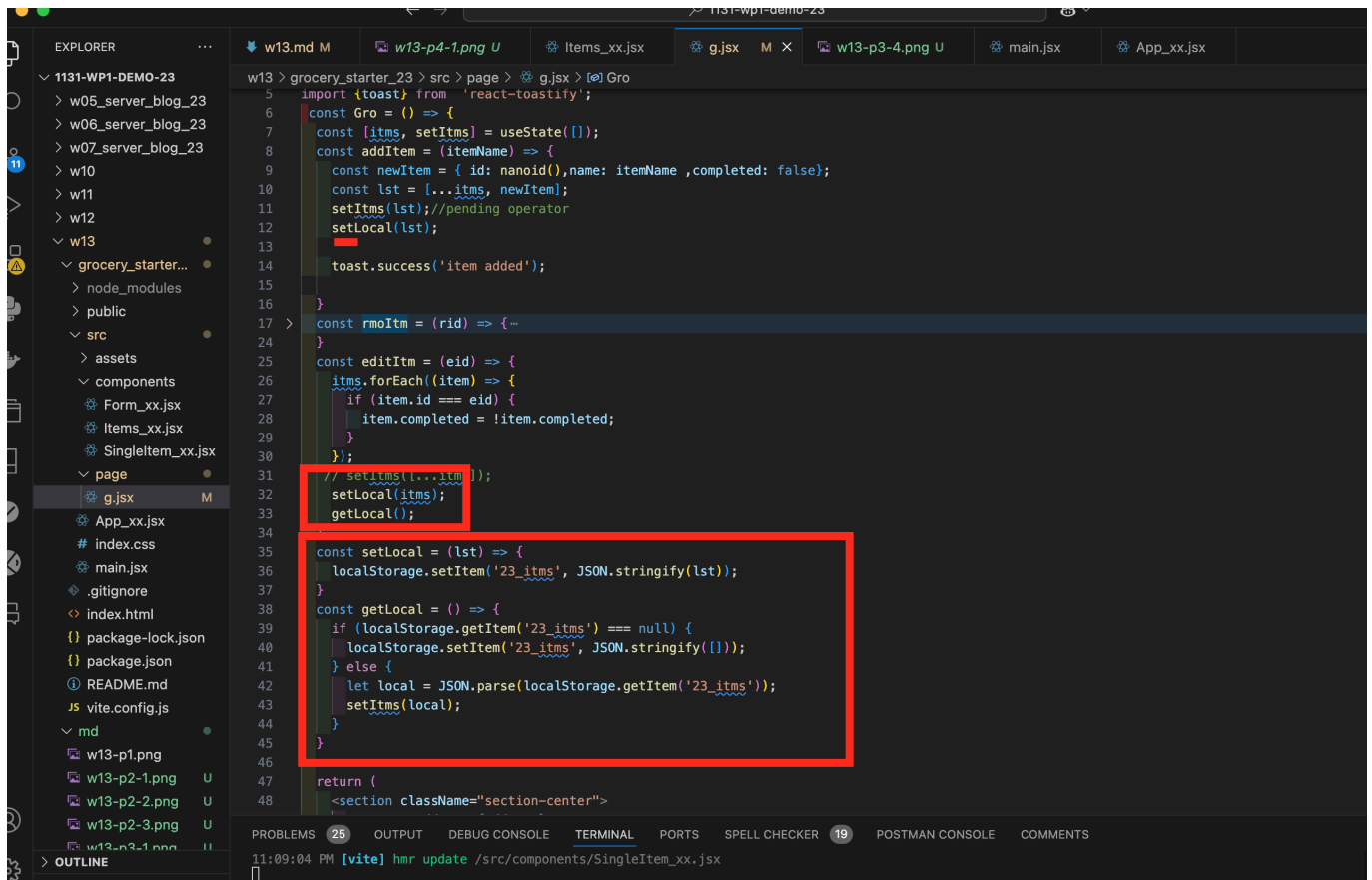
<input type="checkbox"/>	912	Delete
<input type="checkbox"/>	111	Delete
<input checked="" type="checkbox"/>	123123	Delete
<input checked="" type="checkbox"/>	123	Delete
<input checked="" type="checkbox"/>	123	Delete

=> Show how editItem() being transferred from GroceryPage_xx -> Items_xx -> SingleItem_xx

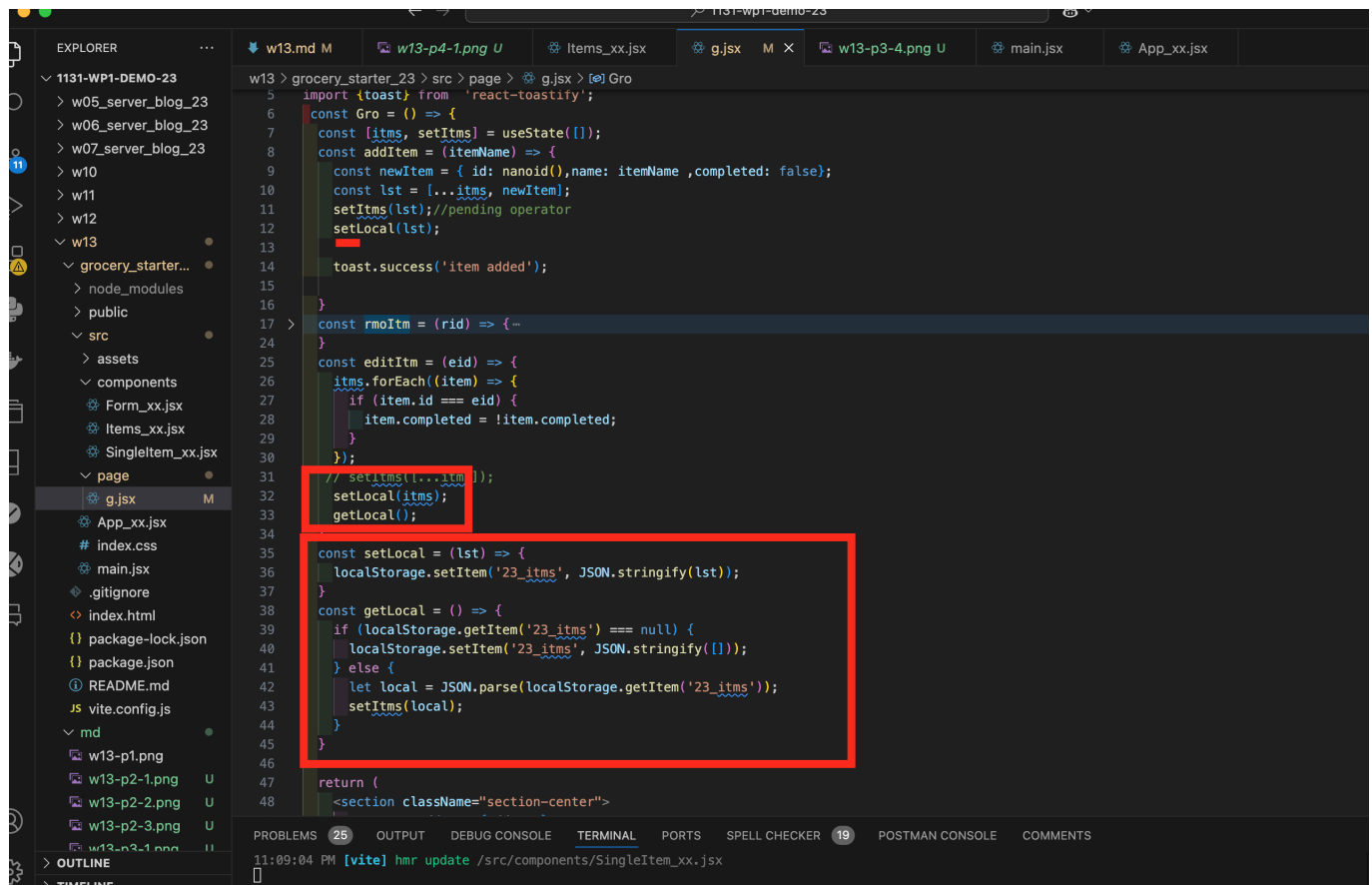


W13-P5: Use localStorage to get and set items data

=> demo setLocalStorage by addItem



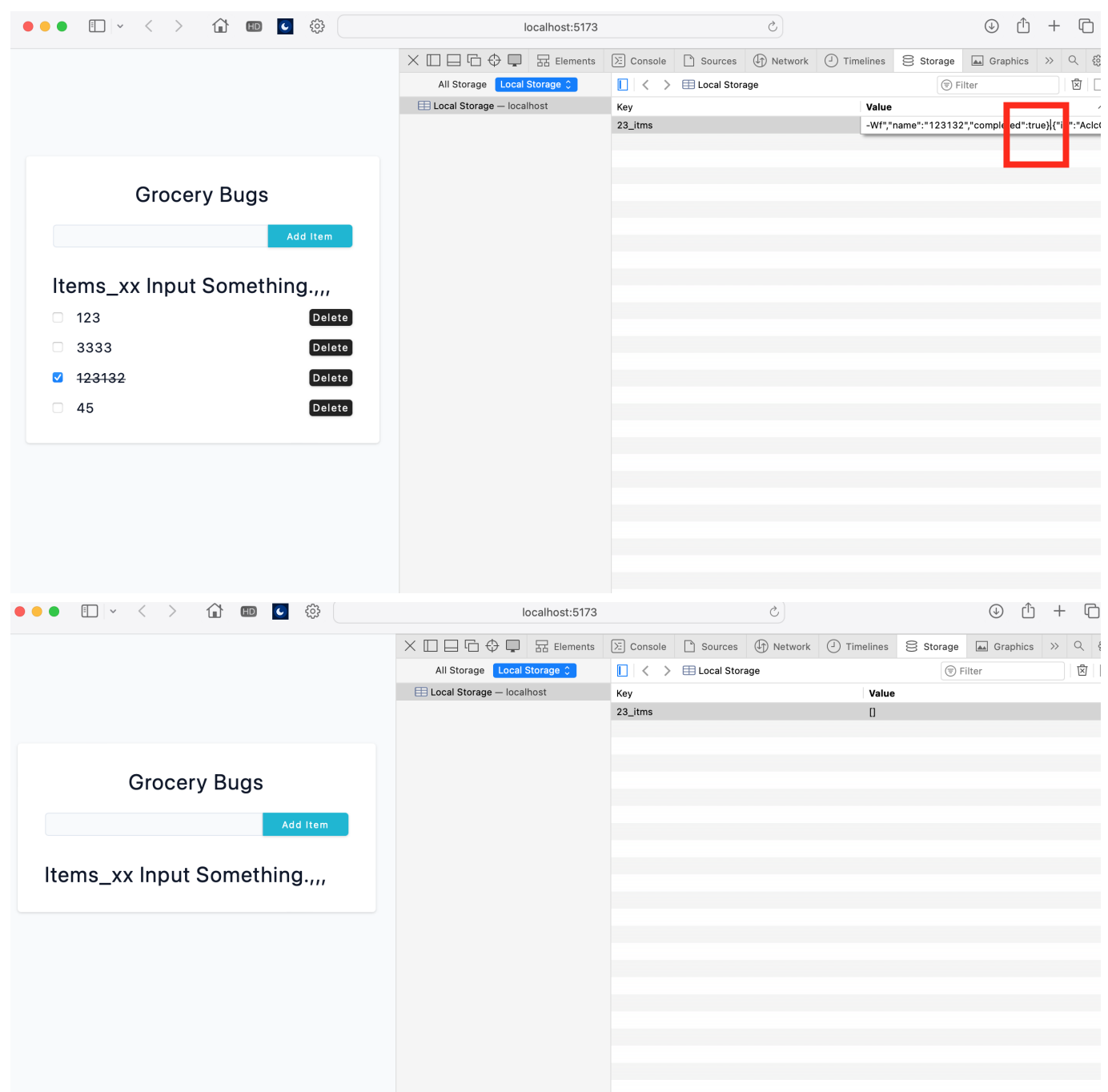
=> demo localStorage by editItem, removeItem



The screenshot shows a VS Code editor with a project named '1131-WP1-DEMO-23'. The file explorer on the left shows the project structure, including a 'page' directory with a 'g.jsx' file. The main editor displays the code for 'g.jsx'. The code includes a stateful component 'Gro' that manages a list of items. It uses 'useState' for 'items' and 'setItems'. The 'addItem' function adds a new item to the list. The 'editItem' function updates an item's 'completed' status. The 'removeItem' function removes an item from the list. The 'setLocal' function saves the current list to 'localStorage' with the key '23_items'. The 'getLocal' function retrieves the list from 'localStorage' and sets it to the state. The code is as follows:

```
5 import {toast} from 'react-toastify';
6
7 const Gro = () => {
8   const [items, setItems] = useState([]);
9   const addItem = (itemName) => {
10     const newItem = { id: nanoid(), name: itemName, completed: false };
11     const lst = [...items, newItem];
12     setItems(lst); // pending operator
13     setLocal(lst);
14     toast.success('item added');
15   }
16
17   const removeItem = (rid) => {
18     // ...
19   }
20
21   const editItem = (eid) => {
22     items.forEach((item) => {
23       if (item.id === eid) {
24         item.completed = !item.completed;
25       }
26     });
27     // setItems([...items]);
28     setLocal(items);
29     getLocal();
30   }
31
32   const setLocal = (lst) => {
33     localStorage.setItem('23_items', JSON.stringify(lst));
34   }
35
36   const getLocal = () => {
37     if (localStorage.getItem('23_items') === null) {
38       localStorage.setItem('23_items', JSON.stringify([]));
39     } else {
40       let local = JSON.parse(localStorage.getItem('23_items'));
41       setItems(local);
42     }
43   }
44
45   return (
46     <section className="section-center">
47
48
```

=> get localStorage when refreshing the browser



W13-P6: git logs of W13

b3b4f2f	kkkk	Sun Dec 8 23:17:30 2024 +0800	w13 add readme
252d72f	kkkk	Wed Dec 4 21:08:19 2024 +0800	W13-P5: Use localStorage to get and set items data
01ce753	kkkk	Wed Dec 4 20:42:49 2024 +0800	W13-P4: Implement editItem
f7233ed	kkkk	Wed Dec 4 18:46:56 2024 +0800	W13-P1: Show initially the

form