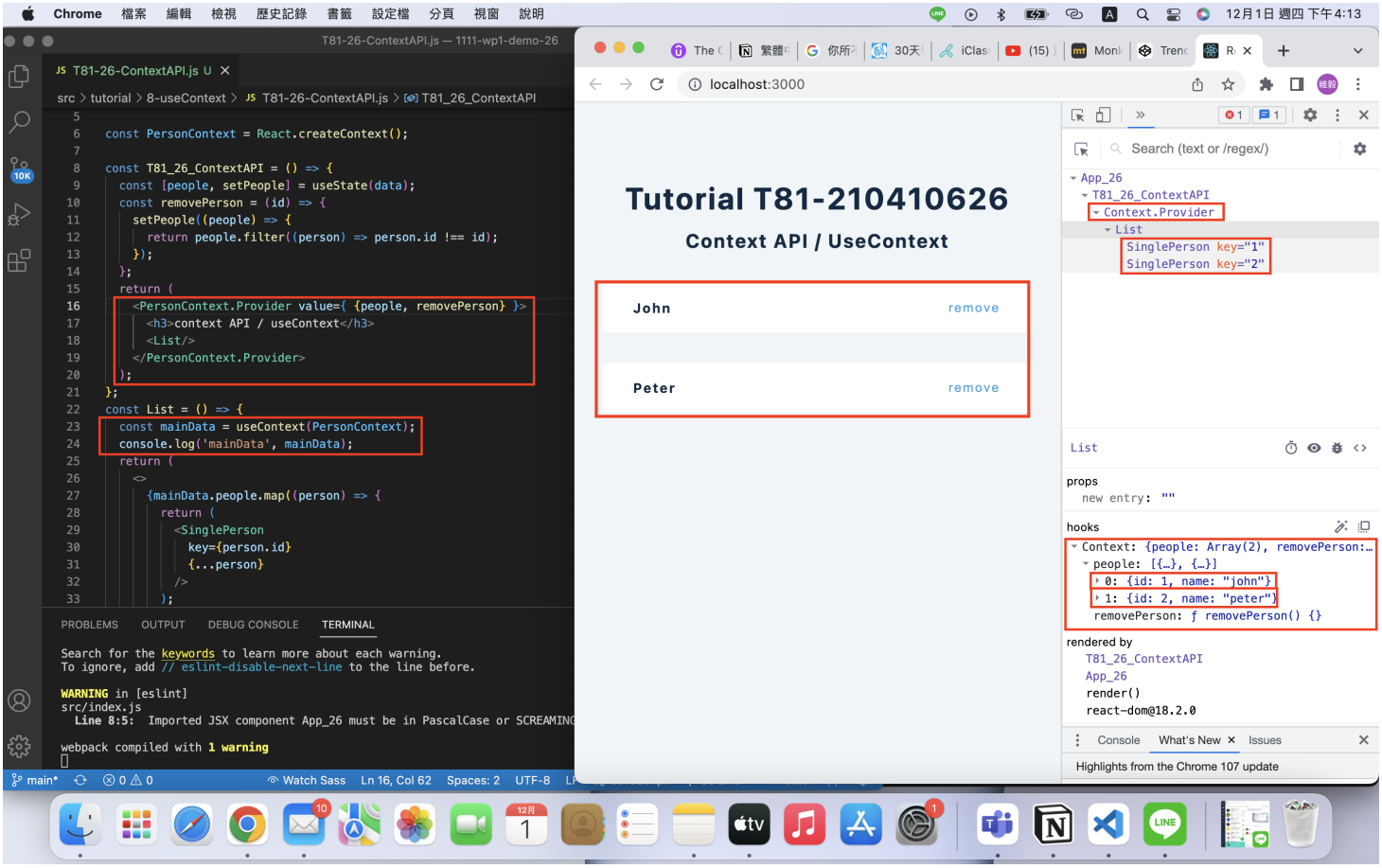
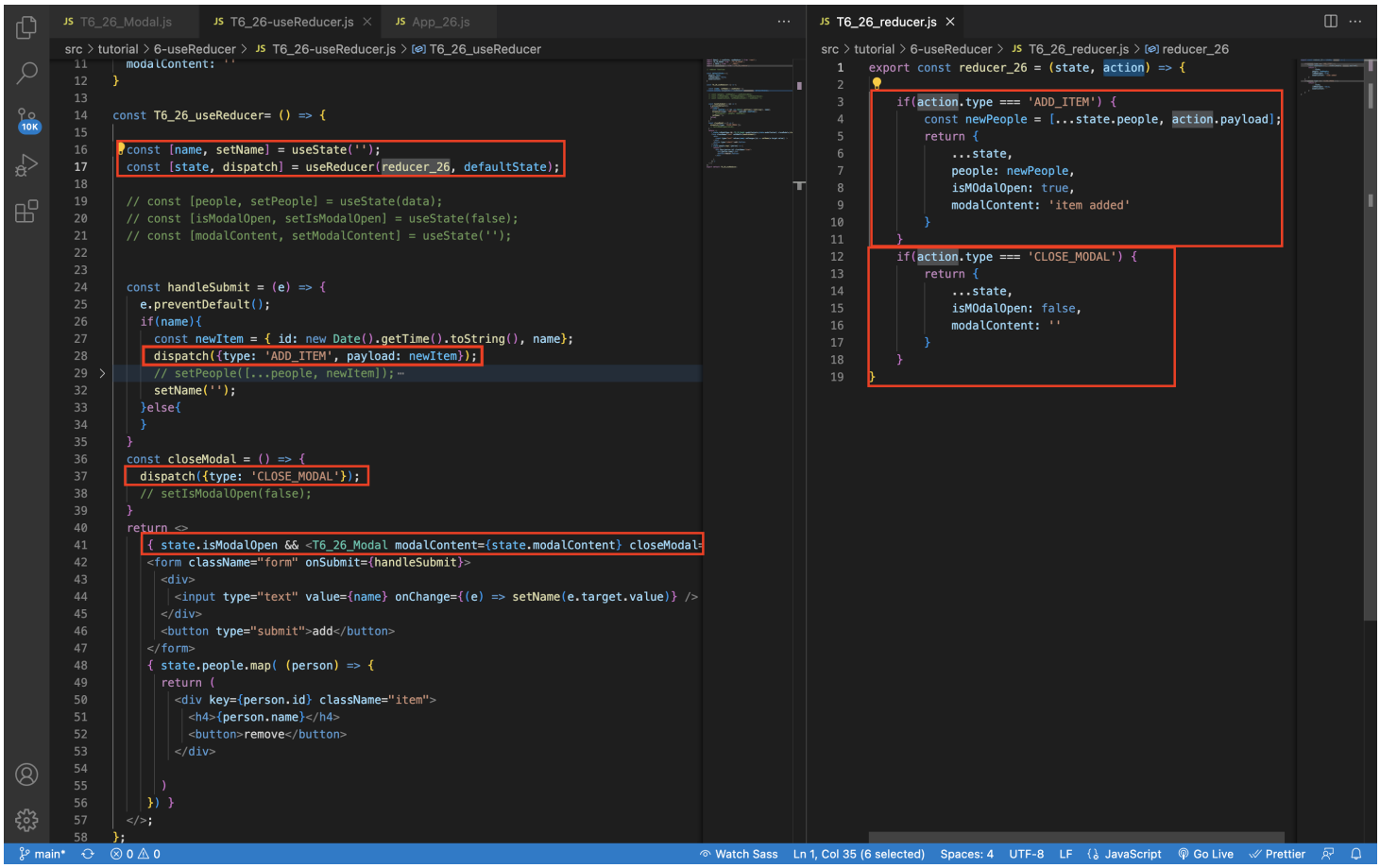
W13-P1: PersonContext for T82_xx



W13-P2: Apply useReducer to add an item with modal alert

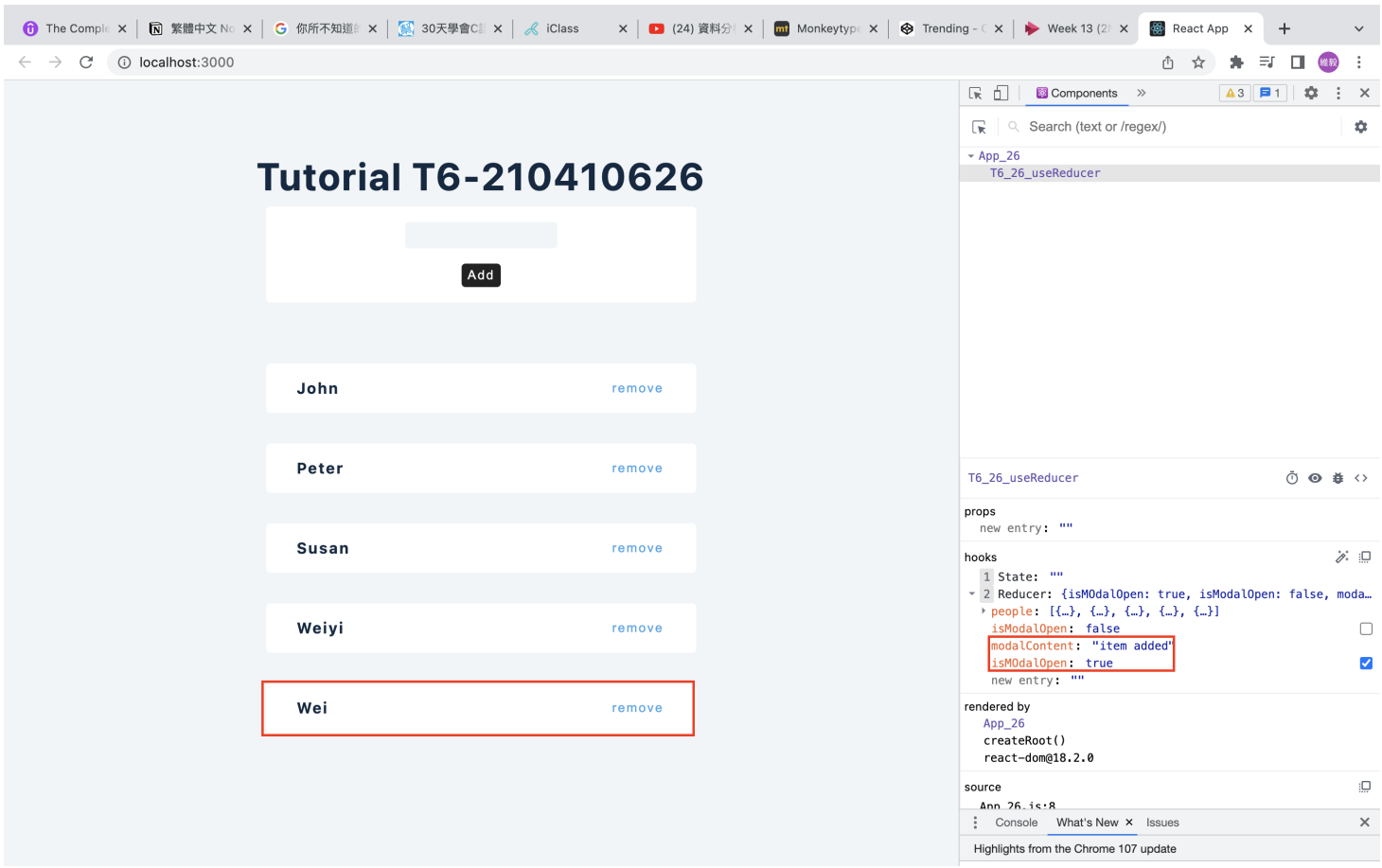

T6_26_Modal.js
T6_26-useReducer.js
App_26.js
src > tutorial > 6-useReducer > T6_26-useReducer.js > T6_26_useReducer
modalContent: ''
}
const T6_26_useReducer= () => {
const [name, setName] = useState('');
const [state, dispatch] = useReducer(reducer_26, defaultState);
// const [people, setPeople] = useState(data);
// const [isModalOpen, setIsModalOpen] = useState(false);
// const [modalContent, setModalContent] = useState('');
const handleSubmit = (e) => {
e.preventDefault();
if(name){
const newItem = { id: new Date().getTime().toString(), name};
dispatch({type: 'ADD_ITEM', payload: newItem});
// setPeople([...people, newItem]);
setName('');
}else{
}
}
const closeModal = () => {
dispatch({type: 'CLOSE_MODAL'});
// setIsModalOpen(false);
}
return <>
{ state.isModalOpen && <T6_26_Modal modalContent={state.modalContent} closeModal=
<form className="form" onSubmit={handleSubmit}>

<input type="text" value={name} onChange={(e) => setName(e.target.value)} />

<button type="submit">add</button>
</form>
{ state.people.map((person) => {
return (

<h4>{person.name}</h4>
<button>remove</button>

)
}) }
</>;
};
T6_26_reducer.js
src > tutorial > 6-useReducer > T6_26_reducer.js > reducer_26
export const reducer_26 = (state, action) => {
if(action.type === 'ADD_ITEM') {
const newPeople = [...state.people, action.payload];
return {
...state,
people: newPeople,
isMOdalOpen: true,
modalContent: 'item added'
}
}
if(action.type === 'CLOSE_MODAL') {
return {
...state,
isMOdalOpen: false,
modalContent: ''
}
}
}
main*
Watch Sass
Ln 1, Col 35 (6 selected)
Spaces: 4
UTF-8
LF
JavaScript
Go Live
Prettier


localhost:3000
Tutorial T6-210410626
Add
John
remove
Peter
remove
Susan
remove
Weiyi
remove
Wei
remove
Components
Search (text or /regex/)
App_26
T6_26_useReducer
T6_26_useReducer
props
new entry: ""
hooks
1 State: ""
2 Reducer: {isMOdalOpen: true, isModalOpen: false, moda…
people: [{…}, {…}, {…}, {…}, {…}]
isMOdalOpen: false
modalContent: "item added"
isMOdalOpen: true
new entry: ""
rendered by
App_26
createRoot()
react-dom@18.2.0
source
App_26.js:8
Console
What's New
Issues
Highlights from the Chrome 107 update