

[Github URL] (<https://github.com/justin40715/1111-wp1-hooks-208410380-w4>)

w04-P1: Hooks Tutorial T11_80

The screenshot shows a development environment with VS Code on the left and a web browser on the right. In VS Code, the file explorer on the left shows a project structure with folders like 'tutorial' and '1111-WP1-HOOKS-208410380-W4'. The main editor displays the code for 'T11_80_ErrorExample.js'. The code defines a function component 'T11_80_ErrorExample' that uses the 'useState' hook to manage a 'title' state. The initial title is 'random title'. A 'handleClick' function updates the title to 'Hello World' and logs it. The component renders an h2 tag with the title and a button that calls 'handleClick' when clicked. The terminal shows a warning from ESLint about the JSX component 'App_80' not being in PascalCase. The web browser on the right shows the rendered application at 'localhost:3000'. The page title is 'Tutorial 11 - 123456789'. The main content area displays 'Random Title' and a 'Change Title' button. The DevTools console shows the warning about 'ReactDOM.render' being deprecated.

w04-P2: Hooks Tutorial T12_80, fix problem in T12_80

The screenshot shows a development environment with VS Code on the left and a web browser on the right. In VS Code, the file explorer on the left shows a project structure with folders like 'tutorial' and '1111-WP1-HOOKS-208410380-W4'. The main editor displays the code for 'T12_80_ErrorExample.js'. The code defines a function component 'T12_80_ErrorExample' that uses the 'useState' hook to manage a 'title' state. The initial title is 'random title'. A 'handleClick' function updates the title to 'Hello World' and logs it. The component renders an h2 tag with the title and a button that calls 'handleClick' when clicked. The terminal shows a warning from ESLint about the JSX component 'App_80' not being in PascalCase. The web browser on the right shows the rendered application at 'localhost:3000'. The page title is 'Tutorial 12 - 123456789'. The main content area displays 'Hello World' and a 'Change Title' button. The DevTools console shows the warning about 'ReactDOM.render' being deprecated.

w04-P3: Hooks Tutorial T13_80, useState using array of objects remove item capability

T13_80_useState-arrays.js - 1111-wp1-hooks-208410380-w4 - Visual Studio Code

w04_hooks > src > tutorial > 1-useState > T13_80_useState-arrays.js > T13_80_useState-array > removeItem

```
1 import React, {useState} from 'react';
2 import { data } from '../data';
3
4 const T13_80_useState_array = () => {
5   const [people, setPeople] = useState(data);
6   const removeItem = (id) => {
7     let newPeople = people.filter( (person) => person.id !== id;
8     setPeople(newPeople);
9   };
10  console.log('people', people)
11  return (
12    <>
13      { people.map( (person) => {
14        const {id, name} = person;
15        return (
16          <div key={id} className='item'>
17            <h4>{name}</h4>
18            <button onClick={ () => removeItem(id)}>Remove</button>
19          </div>
20        )
21      } )}
22    </>
23  )
24 };
```

TERMINAL GITLINS JUPYTER PROBLEMS OUTPUT DEBUG CONSOLE

Search for the **keywords** to learn more about each warning.
To ignore, add `// eslint-disable-next-line` to the line before.

WARNING in [eslint]
src\index.js
Line 8:5: Imported JSX component App_80 must be in PascalCase or SCREAMING_SNAKE_CASE [react/jsx-pascal-case](#)

webpack compiled with 1 warning

localhost:3000

Tutorial 13 - 208410380

Susan Remove

Justin Remove

Warning: react-dom.development.js:86
ReactDOM.render is no longer supported in React 18. Use createRoot instead. Until you switch to the new API, your app will behave as if it's running React 17. Learn more: <https://reactjs.org/link/switch-to-createroot>

people T13_80_useState-array.js:10
▼ (4) [(-), (-), (-), (-)]
▶ 0: {id: 1, name: 'john'}
▶ 1: {id: 2, name: 'peter'}
▶ 2: {id: 3, name: 'susan'}
▶ 3: {id: 4, name: 'justin'}
length: 4
▶ [[Prototype]]: Array(0)

people T13_80_useState-array.js:10
▼ (3) [(-), (-), (-)]
▶ 0: {id: 3, name: 'susan'}
▶ 1: {id: 4, name: 'justin'}
length: 2
▶ [[Prototype]]: Array(0)

people react_devtools_backend.js:4082
▼ (2) [(-), (-)]
▶ 0: {id: 3, name: 'susan'}
▶ 1: {id: 4, name: 'justin'}
length: 2
▶ [[Prototype]]: Array(0)

people react_devtools_backend.js:4082
▼ (2) [(-), (-)]
▶ 0: {id: 3, name: 'susan'}
▶ 1: {id: 4, name: 'justin'}
length: 2
▶ [[Prototype]]: Array(0)

w04-P4: W03 menu demo, adding filter function for categories

App_80.js M Category_80.js

w04_hooks > src > App_80.js > App_80

```
1 import { useState } from 'react';
2 import Category_80 from './components/Category_80';
3 import Menu_80 from './components/Menu_80';
4 import items from './data';
5
6 const allCategories = ['all', 'breakfast', 'lunch', 'shakes', '80'];
7
8 const App_80 = () => {
9   const [menuItems, setMenuItems] = useState(items);
10  const [categories, setCategories] = useState(allCategories);
11
12
13  const filterItems = (category) => {
14    if(category === 'all') {
15      setMenuItems(items);
16    } else {
17      const newItems = items.filter( (item) => item.category === category);
18      setMenuItems(newItems);
19    }
20  }
21
22
23  console.log('menuItems', menuItems);
24  return (
25    <section className='menu'>
26      { /* title */ }
27    </section>
28  );
29 };
```

TERMINAL GITLINS JUPYTER PROBLEMS 32 OUTPUT DEBUG CONSOLE

cal-case


src\index.js
Line 10:5: Imported JSX component App_80 must be in PascalCase or SCREAMING_SNAKE_CASE

webpack compiled with 1 warning

localhost:3000

Our Menu 208410380

All Breakfast Lunch Shakes 80



Bison Steak \$22.99

skateboard fam synth authentic semiotics. Live-edge lyft af, edison bulb yuccie crucifix microdosing.

App_80.js:24
▼ (10) [(-), (-), (-), (-), (-), (-), (-), (-), (-), (-)]
▶ 0: {id: 1, title: 'buttermilk pancakes', category: 'breakfast', price: 12.99, img: './images/item-1.jpeg'}
▶ 1: {id: 2, title: 'diner double', category: 'breakfast', price: 12.99, img: './images/item-2.jpeg'}
▶ 2: {id: 3, title: 'godzilla milkshake', category: 'shakes', price: 12.99, img: './images/item-3.jpeg'}
▶ 3: {id: 4, title: 'country delight', category: 'lunch', price: 12.99, img: './images/item-4.jpeg'}
▶ 4: {id: 5, title: 'egg attack', category: 'breakfast', price: 12.99, img: './images/item-5.jpeg'}
▶ 5: {id: 6, title: 'oreo dream', category: 'breakfast', price: 12.99, img: './images/item-6.jpeg'}
▶ 6: {id: 7, title: 'bacon overflow', category: 'breakfast', price: 12.99, img: './images/item-7.jpeg'}
▶ 7: {id: 8, title: 'american classic', category: 'breakfast', price: 12.99, img: './images/item-8.jpeg'}
▶ 8: {id: 9, title: 'quepasa buddy', category: 'breakfast', price: 12.99, img: './images/item-9.jpeg'}
▶ 9: {id: 10, title: 'skateboard fam synth authentic semiotics', category: '80', price: 22.99, img: './images/item-10.jpeg'}
length: 10
▶ [[Prototype]]: Array(0)

menuItems VM1907:236
▼ (10) [(-), (-), (-), (-), (-), (-), (-), (-), (-), (-)]
▶ 0: {id: 1, title: 'buttermilk pancakes', category: 'breakfast', price: 12.99, img: './images/item-1.jpeg'}
▶ 1: {id: 2, title: 'diner double', category: 'breakfast', price: 12.99, img: './images/item-2.jpeg'}
▶ 2: {id: 3, title: 'godzilla milkshake', category: 'shakes', price: 12.99, img: './images/item-3.jpeg'}
▶ 3: {id: 4, title: 'country delight', category: 'lunch', price: 12.99, img: './images/item-4.jpeg'}
▶ 4: {id: 5, title: 'egg attack', category: 'breakfast', price: 12.99, img: './images/item-5.jpeg'}
▶ 5: {id: 6, title: 'oreo dream', category: 'breakfast', price: 12.99, img: './images/item-6.jpeg'}
▶ 6: {id: 7, title: 'bacon overflow', category: 'breakfast', price: 12.99, img: './images/item-7.jpeg'}
▶ 7: {id: 8, title: 'american classic', category: 'breakfast', price: 12.99, img: './images/item-8.jpeg'}
▶ 8: {id: 9, title: 'quepasa buddy', category: 'breakfast', price: 12.99, img: './images/item-9.jpeg'}
▶ 9: {id: 10, title: 'skateboard fam synth authentic semiotics', category: '80', price: 22.99, img: './images/item-10.jpeg'}
length: 10
▶ [[Prototype]]: Array(0)

menuItems App_80.js:24
▼ (1) [(-)]
▶ 0: {id: 10, title: 'skateboard fam synth authentic semiotics', category: '80', price: 22.99, img: './images/item-10.jpeg'}
length: 1
▶ [[Prototype]]: Array(0)