

W11-P1: Conditional rendering, show two cases: error and fetch data

=> show "error" message

The image shows a development environment with a code editor on the left and a browser preview on the right.

Code Editor (Left): The file `T32-multiple-returns-fetch-data_84.jsx` is open. It shows a function `MultipleReturnsFetchData` that uses `useState` to manage `isLoading`, `isError`, and `user`. A `useEffect` hook calls `fetchUser`, which is an async function. Inside `fetchUser`, there is a `try` block that fetches data from `https://api.github.com/users/QuincyLarsonaa`. If the response is not OK, it sets `isLoading` to `false` and `isError` to `true`. The `catch` block also sets `isLoading` to `false`. The `fetchUser` function is called, and the component returns a conditional rendering structure: `if (isLoading)` returns a loading message, and `if (isError)` returns an error message: "There was an error...".

Browser Preview (Right): The browser shows the URL `localhost:5173`. The page content is: "Tutorial T32_84", "PoWen Ku, 212410384", and "There Was An Error...". The error message is highlighted with a red box.

Console (Bottom Right): The console shows a 404 error: "GET https://api.github.com/users/QuincyLarsonaa 404 (Not Found)". The error details are expanded, showing the response object with `ok: false`, `status: 404`, and `statusText: ""`.

=> show "fetch data" message

T32-multiple-returns-fetch-data_84.jsx

src > tutorial > 03-conditional-rendering > T32-multiple-returns-fetch-data_84.jsx > url

1 import { useEffect, useState } from 'react'

2 const url = 'https://api.github.com/users/QuincyLarson'

3

4 const MultipleReturnsFetchData = () => {

5 const [isLoading, setIsLoading] = useState(true)

6 const [isError, setIsError] = useState(false)

7 const [user, setUser] = useState(null)

8

9 useEffect(() => {

10 const fetchUser = async () => {

11 try {

12 const resp = await fetch(url)

13 console.log('response', resp)

14 if (!resp.ok) {

15 setIsLoading(false)

16 setIsError(true)

17 return

18 }

19 const data = await resp.json()

20 console.log('data', data)

21 } catch (error) {}

22 setIsLoading(false)

23 }

24 fetchUser()

25 }, [])

26

27 if (isLoading) {

28 return <h2>Loading...</h2>

29 }

30

31 if (isError) {

32 return <h2>There was an error...</h2>

33 }

34

35 return <h2>Fetch Data </h2>

36 }

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS ...

下午7:30:03 [vite] hmr update /src/tutorial/03-conditional-rendering/T32-multiple-returns-fetch-data_84.jsx (x7)

spaces 2 UTF-8 LF JavaScript JSX Go Live Prettier

localhost:5173

Tutorial T32_84

PoWen Ku, 212410384

Fetch Data

Console

T32-multiple-returns-etch-data_84-...
response
Response {type: 'cors', url: 'https://api.github.com/users/QuincyLarson', redirected: false, status: 200, ok: true, ...}
body: (...)
bodyUsed: true
headers: Headers {}
ok: true
redirected: false
status: 200
statusText: --
type: "cors"
url: "https://api.github.com/..."
[[Prototype]]: Response
T32-multiple-returns-etch-data_84-...
data
{login: 'QuincyLarson', id: 985197, node_id: 'NDQ6VXNlcjR4NTESNw==', avatar_url: 'https://avatars.githubusercontent.com/u/985197?v=4', gravatar_id: '', ...}

=> show "Quincy Larson" message?

W11-ADVANCED_HOOKS_84

allenge_84.jsx

conditional-rendering > T32-multiple-returns-fetch-data_84.jsx > MultipleReturnsFetchData

4 const MultipleReturnsFetchData = () => {

9 useEffect(() => {

10 const fetchUser = async () => {

20 console.log('data', data)

21 setUser(data)

22 } catch (error) {}

23 setIsLoading(false)

24 }

25 fetchUser()

26 }, [])

27

28 if (isLoading) { ...

29 }

30

31 if (isError) { ...

32 }

33

34 const { avatar_url, name, company, bio } = user

35

36 return (

37 <div>

38 <img

39 style={{ width: '150px', borderRadius: '25px' }}

40 src={avatar_url}

41 alt={name}

42 />

43 <h2>{name}</h2>

44 <h4>works at {company}</h4>

45 <p>{bio}</p>

46 </div>

47)

48

49 return <h2>Fetch Data </h2>

50 }

51

52 export default MultipleReturnsFetchData;

53

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS ...


下午3:41:20 [vite] hmr update /src/tutorial/03-conditional-rendering/T32-multiple-returns-fetch-data_84.jsx (x2)

Ln 39, Col 3 Spaces: 2 UTF-8 LF JavaScript JSX Go Live Prettier

localhost:5173

Tutorial T32_84

PoWen Ku, 212410384



Quincy Larson

Works At @FreeCodeCamp

Teacher at https://www.freeCodeCamp.org - Learn to code for free.

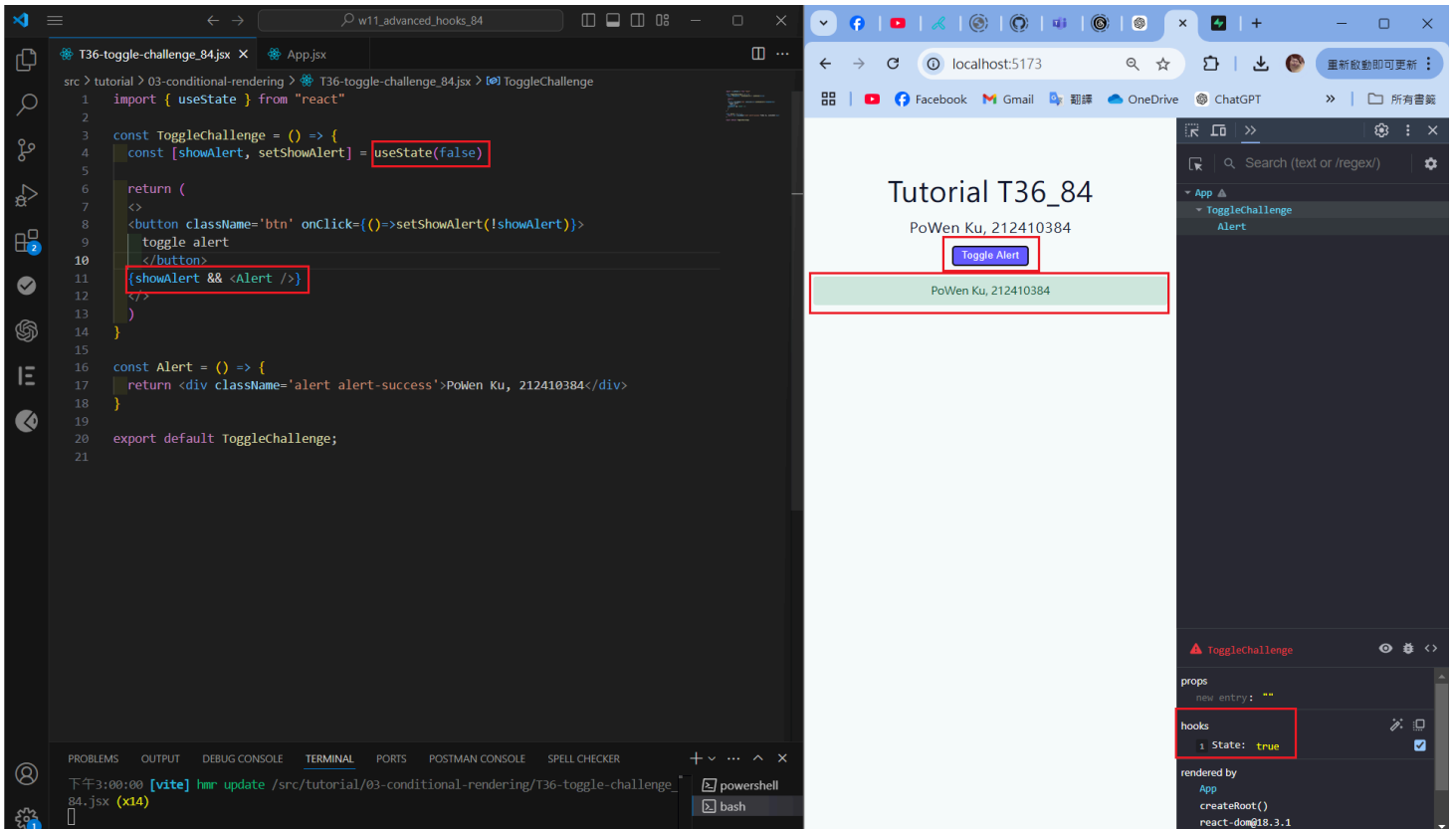
Console

T32-multiple-returns-etch-data_84-...
response
Response {type: 'cors', url: 'https://api.github.com/users/QuincyLarson', redirected: false, status: 200, ok: true, ...}
body: (...)
bodyUsed: true
headers: Headers {}
ok: true
redirected: false
status: 200
statusText: --
type: "cors"
url: "https://api.github.com/..."
[[Prototype]]: Response
T32-multiple-returns-etch-data_84-...
data
{login: 'QuincyLarson', id: 985197, node_id: 'NDQ6VXNlcjR4NTESNw==', avatar_url: 'https://avatars.githubusercontent.com/u/985197?v=4', gravatar_id: '', ...}

0ddbe34 212410384

Wed Nov 20 19:35:29 2024 +0800 W11-P1: Conditional rendering, show two

W11-P2: toggle Alert



bc29905 212410384

Sat Nov 23 15:49:37 2024 +0800 W011-P2: toggle Alert

W11-P3: Use ternary operator to show login and logout

=> initially, no user

The screenshot displays a development environment with a code editor, a browser, and a component inspector.

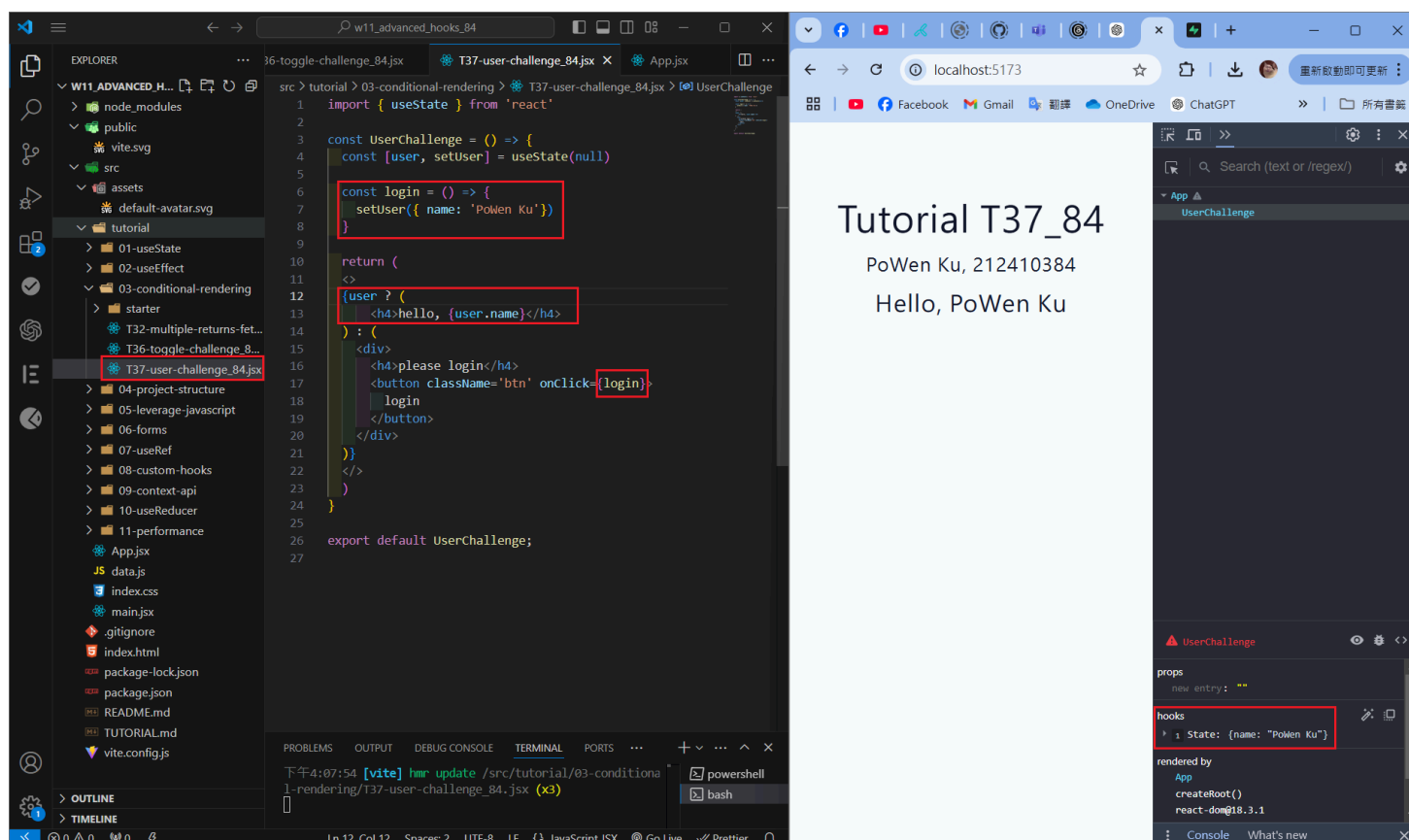
Code Editor: The file `T37-user-challenge_84.jsx` is open. It shows a React component `UserChallenge` using `useState` to manage a `user` state, initialized to `null`. A `login` function is defined to set the user to `{ name: 'PoWen Ku' }`. The JSX uses a ternary operator to conditionally render a greeting or a login button.

```
1 import { useState } from 'react'
2
3 const UserChallenge = () => {
4   const [user, setUser] = useState(null)
5
6   const login = () => {
7     setUser({ name: 'PoWen Ku' })
8   }
9
10  return (
11    <>
12      {user ? (
13        <h4>hello, {user.name}</h4>
14      ) : (
15        <div>
16          <h4>please login</h4>
17          <button className='btn' onClick={login}>
18            login
19          </button>
20        </div>
21      )}
22    </>
23  )
24 }
25
26 export default UserChallenge;
27
```

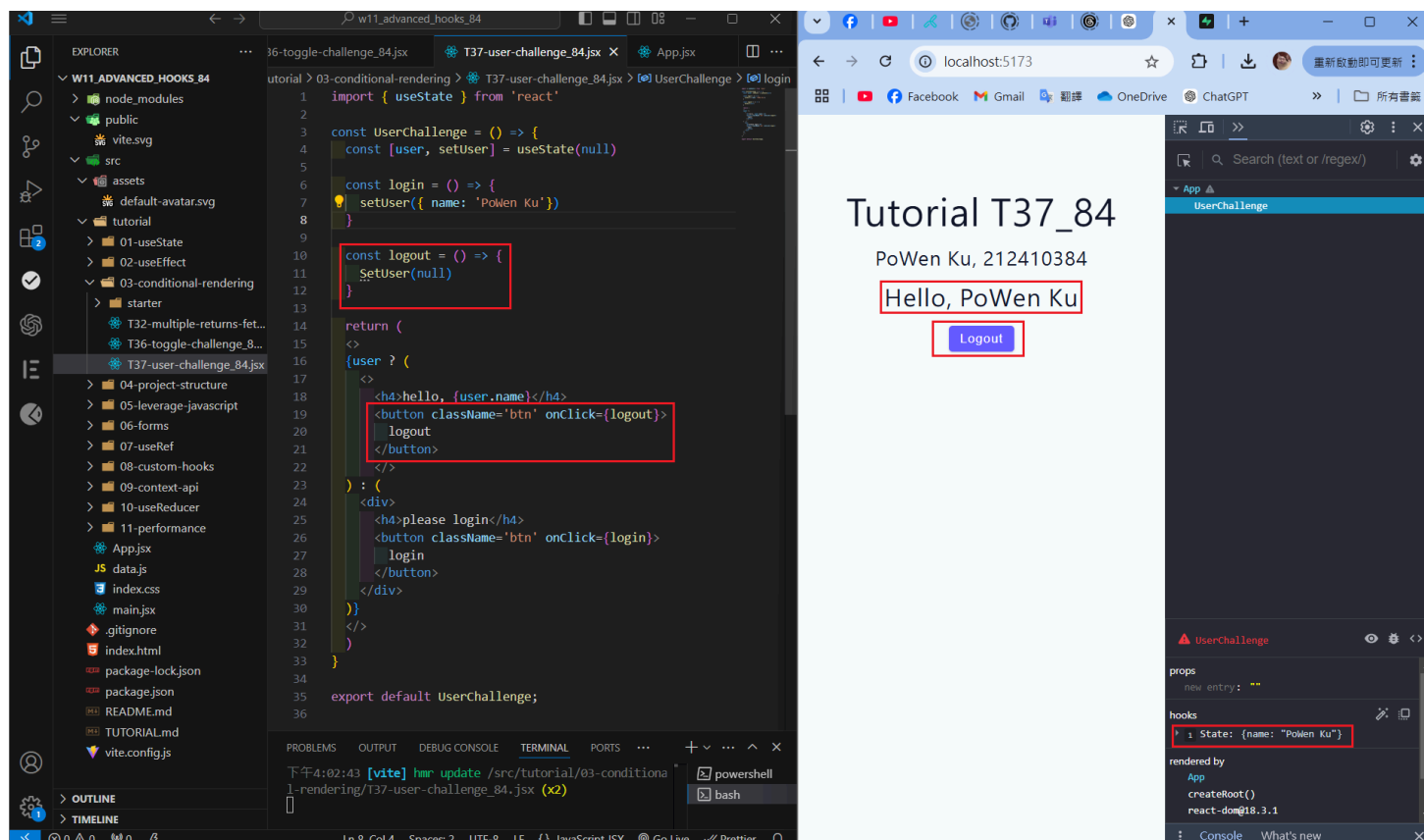
Browser: The browser shows the rendered output at `localhost:5173`. It displays the text "Tutorial T37_84" and "PoWen Ku, 212410384". Below this, there is a "Please Login" message and a "Login" button.

Component Inspector: The component inspector shows the `UserChallenge` component. The `State` is `null`, which is highlighted with a red box.

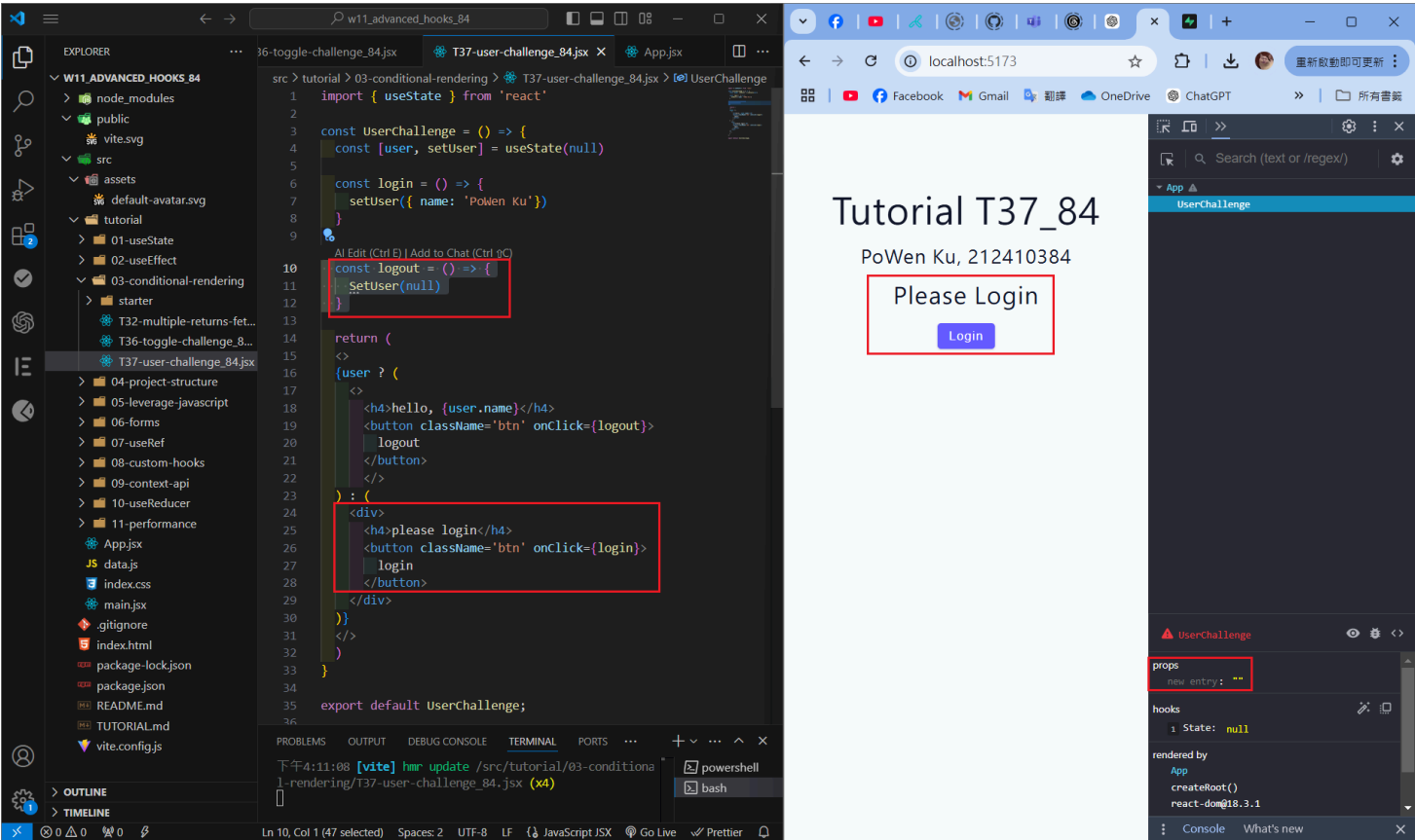
=> press login button



=> add logout functionality



=> press logout button




8cc2a17 212410384 Sat Nov 23 16:16:07 2024 +0800 W11-P3: Use ternary operator to show log

W11-P4: all git logs of w11

github.com/kupowen/1131-wp1-demo-84/commits/main/

FacebookGmail翻譯OneDriveChatGPT來自 Microsoft Des...

☰

kupowen / 1131-wp1-demo-84


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Commits


🔗 main

🔗 Commits on Nov 23, 2024

W11-P3: Use ternary operator to show login and logout


kupowen committed now

W011-P2: toggle Alert

kupowen committed 27 minutes ago

🔗 Commits on Nov 20, 2024

W11-P1: Conditional rendering, show two cases: error and fetch data

kupowen committed 3 days ago

```
git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2024-11-19"
8cc2a17 212410384      Sat Nov 23 16:16:07 2024 +0800  W11-P3: Use ternary operator to show log
bc29905 212410384      Sat Nov 23 15:49:37 2024 +0800  W011-P2: toggle Alert
0ddbe34 212410384      Wed Nov 20 19:35:29 2024 +0800  W11-P1: Conditional rendering, show two
```