

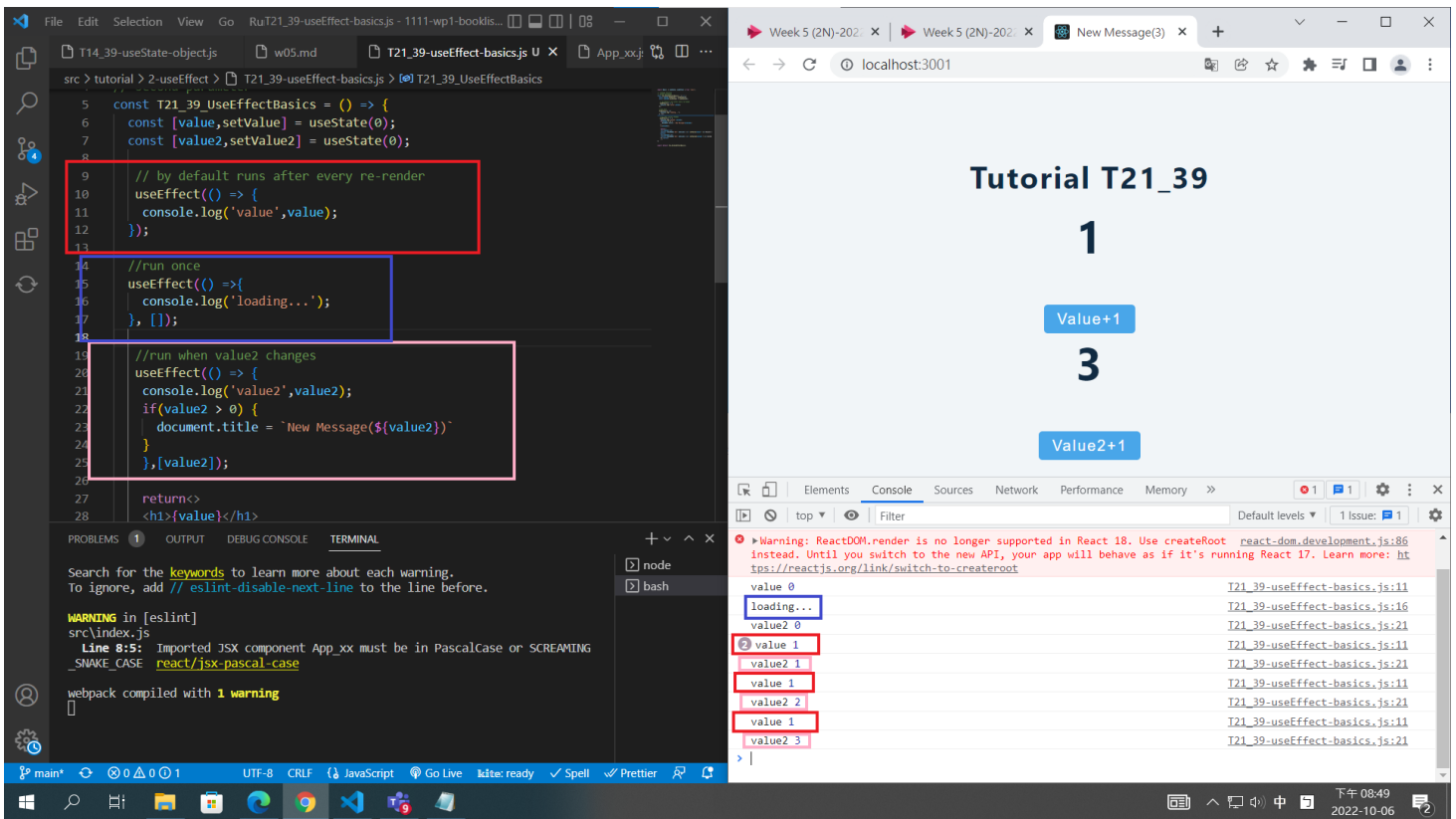
## W05-P1: Hooks Tutorial T14\_xx

The image shows a development environment with Visual Studio Code on the left and a web browser on the right. In Visual Studio Code, the file explorer on the left shows a project structure with a folder named '1111-WP1-BOOKLIST-210410139'. The main editor displays the file 'T14\_39-useState-object.js' with the following code:

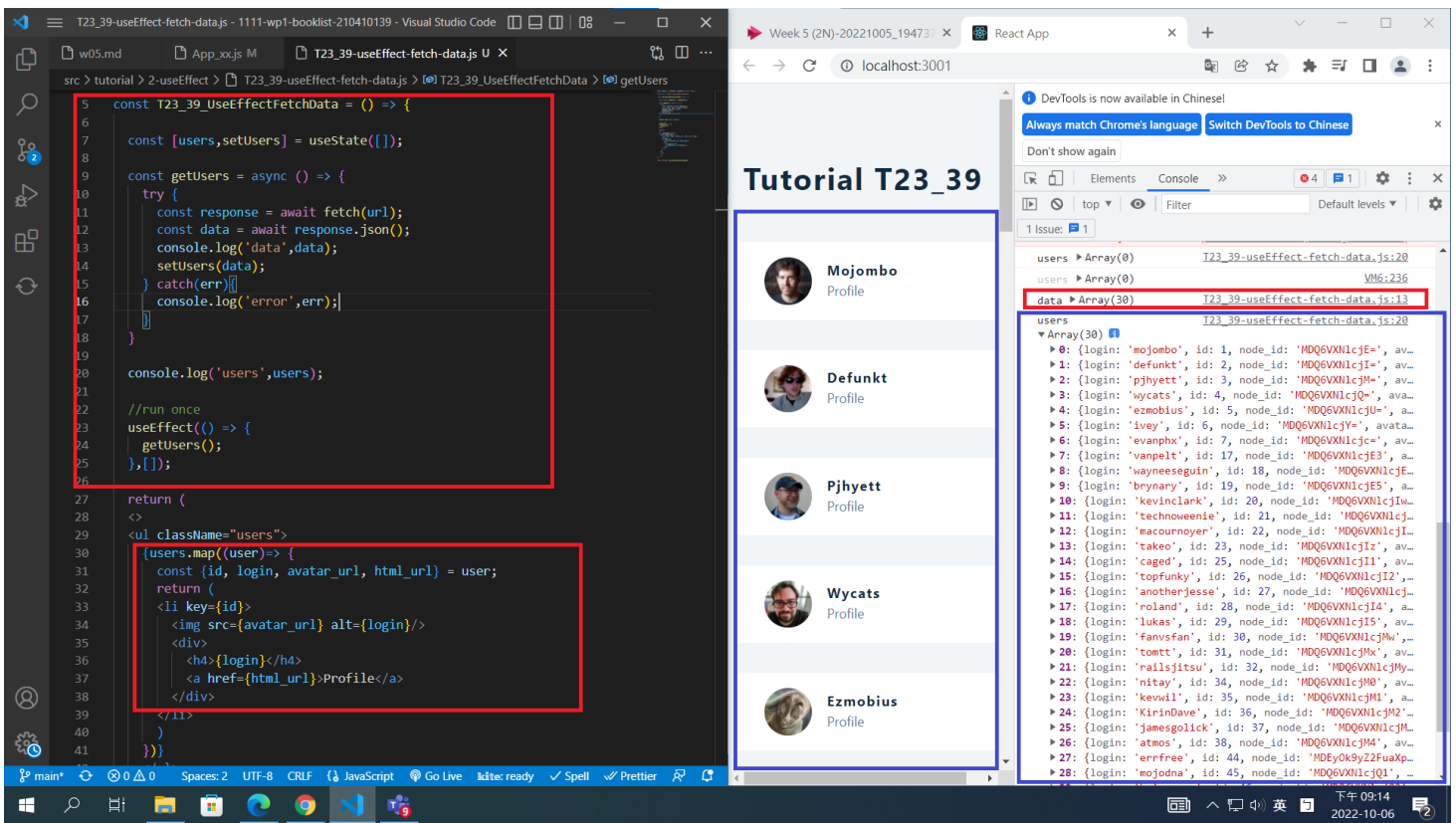
```
1 import { keyboard } from '@testing-library/user-event/dist/keyboar';
2 import React, { useState } from 'react';
3
4 const T14_39 UseStateObject = () => {
5   const [person, setPerson] = useState({
6     name: 'vincent',
7     age: 20,
8     message: 'random message'
9   });
10
11   const changeMessage = () => {
12     setPerson({ ...person, message: 'vincnet, 210410139' });
13   }
14
15   return <>
16     <h3>{person.name}</h3>
17     <h3>{person.age}</h3>
18     <h4>{person.message}</h4>
19     <button className="btn" onClick={changeMessage}>Change Message</button>
20   </>;
21 }
```

The browser on the right shows the application running at 'localhost:3001'. The page title is 'Tutorial 14 - 210410139'. The content displays 'Vincent', '20', and 'Vincnet, 210410139' (the last one is highlighted with a red box). Below the text is a blue button labeled 'Change Message'. The browser's developer tools are open to the 'Components' tab, showing the component tree with 'T14\_39 UseStateObject' selected. The state is visible in the 'hooks' section, showing an array of state objects: [State: {age: 20, message: 'vincnet, 210410139', name: 'vincent'}].

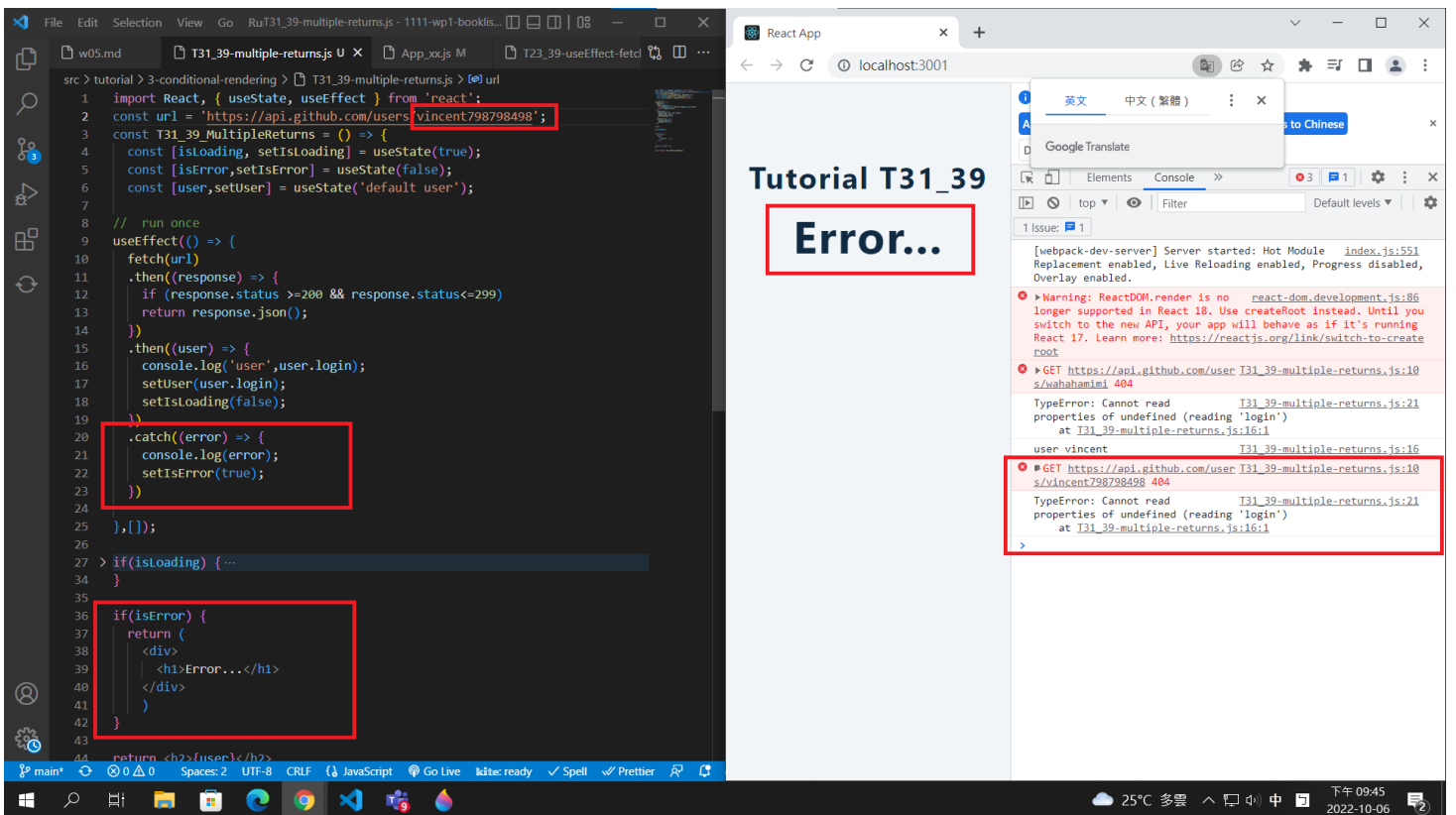
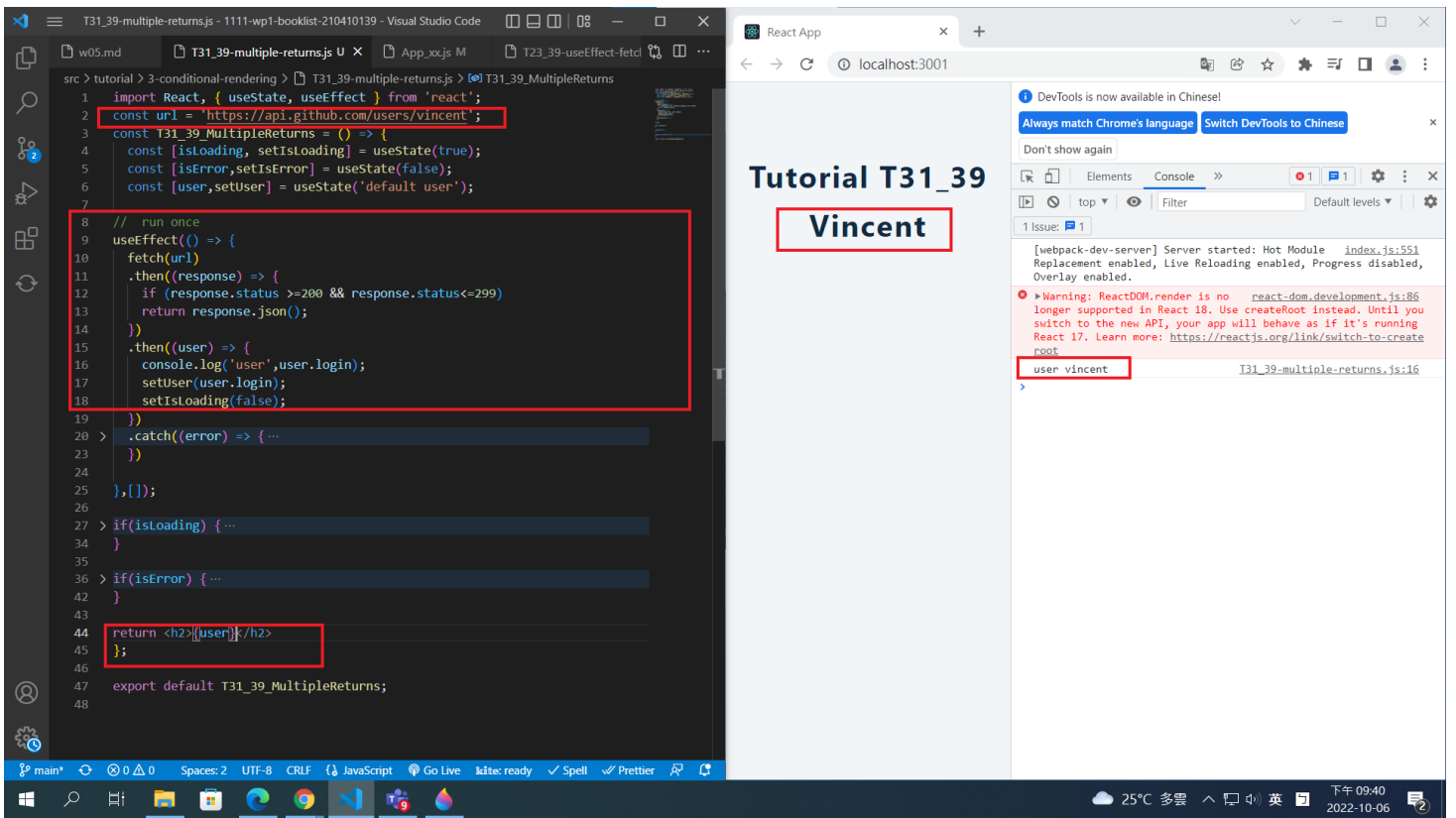
## W05-P2: useEffect 3 cases demo

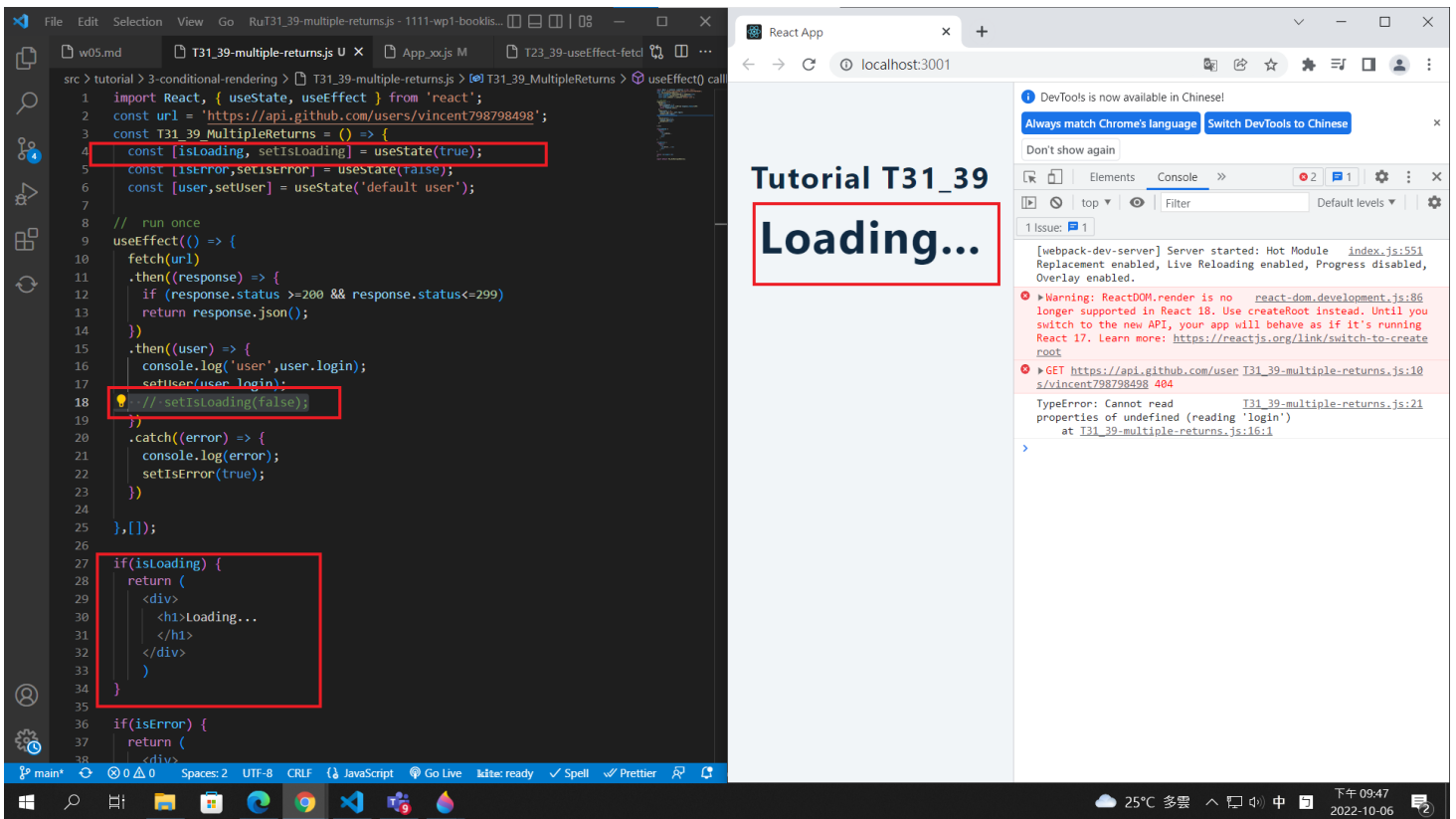


## W05-P3: T23\_xx: fetch data from Github and display them



## W05-P4: T31\_xx: conditional rendering -- 3 cases





W05-logs: show all four logs done today

```
User@E213-02 MINGW64 /d/1111-wp1-booklist-210410139 (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-10-05"
0762dd9 vincent20011128 Thu Oct 6 21:49:36 2022 +0800 W05-P4: T31_xx: conditional rendering -- 3 cases
047ec86 vincent20011128 Thu Oct 6 21:16:47 2022 +0800 W05-P3: T23_xx: fetch data from Github and display them
dbacc5b vincent20011128 Thu Oct 6 20:53:23 2022 +0800 W05-P2: useEffect 3 cases demo
a2e363d vincent20011128 Thu Oct 6 19:58:58 2022 +0800 W05-P1: Hooks Tutorial T14_xx
```