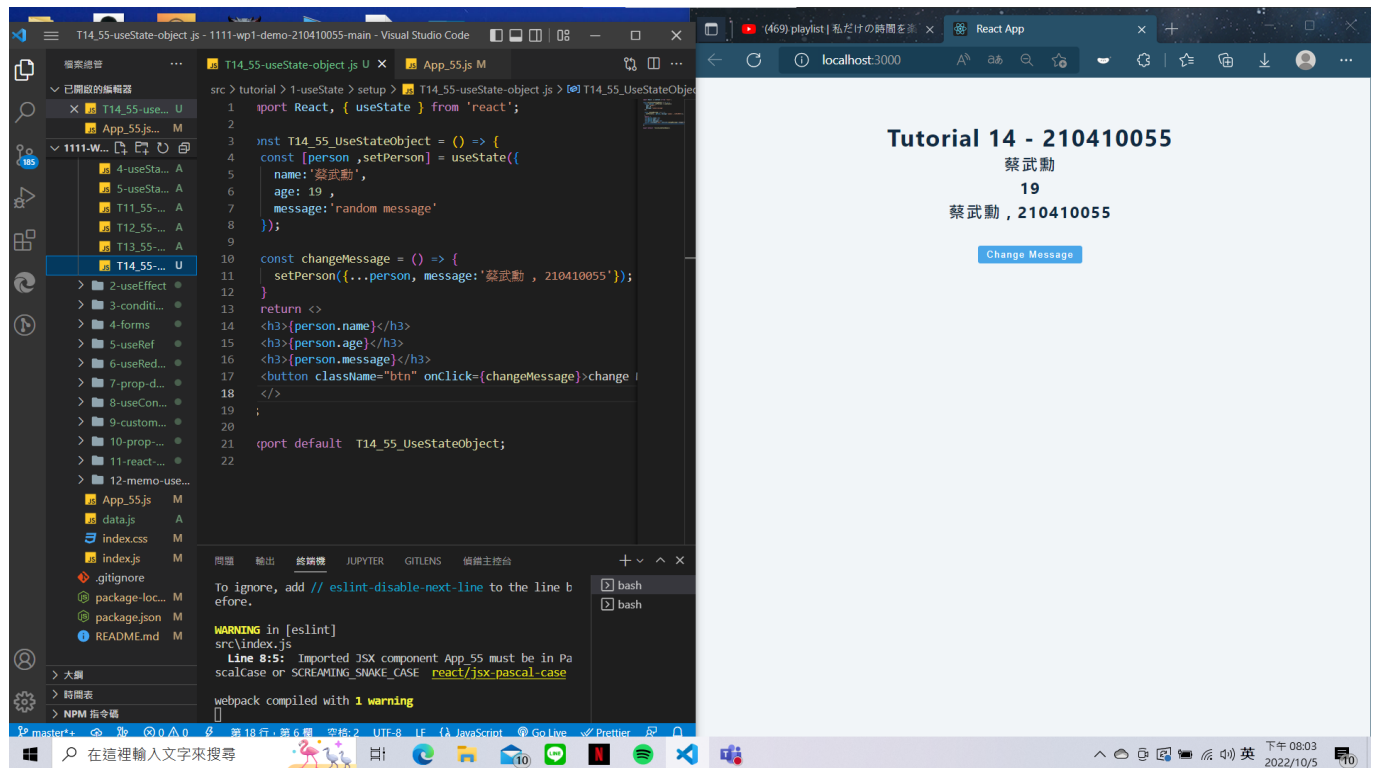


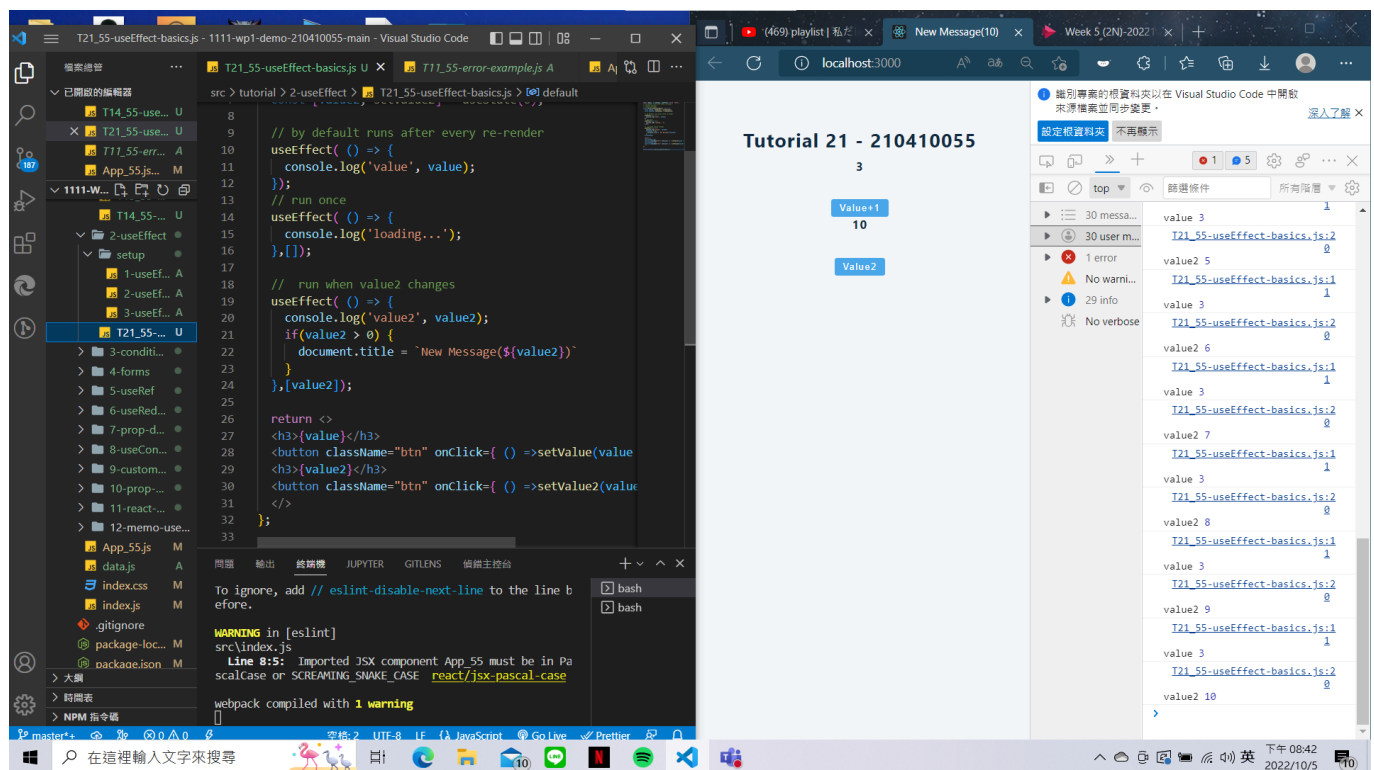
Github URL

Github URL

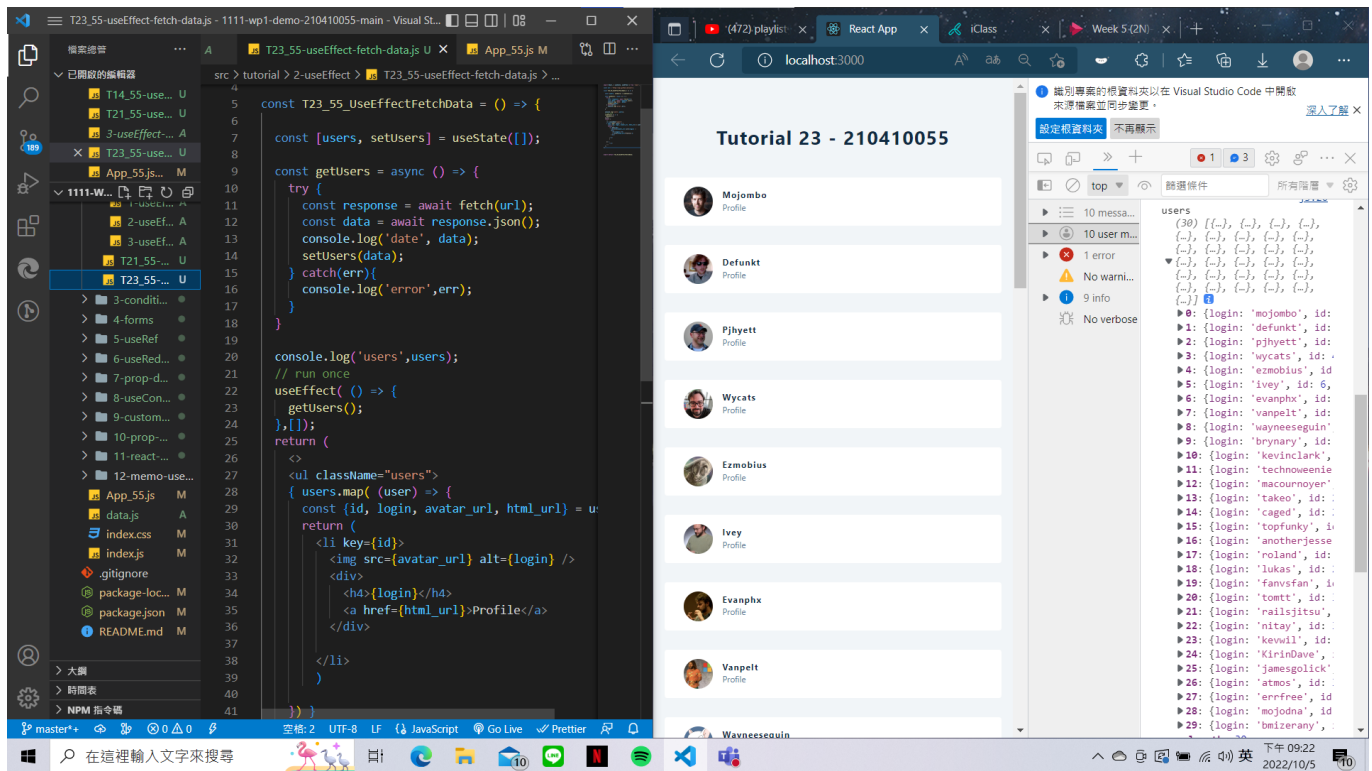
## W05-P1: Hooks Tutorial T14\_55



## W05-P2: useEffect 3 cases demo



## W05-P3: T23\_55: fetch data from Github and display them



W05-P4: T31\_55: conditional rendering -- 3 cases

The screenshot shows a web browser at localhost:3001 displaying the text "Tutorial 31 - 210410055 Sean". To the left, the VS Code editor shows the file `T31_55-multiple-returns.js` with the following code:

```
import React, { useState, useEffect } from 'react';
const [isLoading, setIsLoading] = useState(true);
const [isError, setIsError] = useState(false);
const [user, setUser] = useState('default user');
// run once
useEffect(() => {
  fetch(url)
    .then((response) => {
      if(response.status >= 200 && response.status <= 299) {
        return response.json();
      }
    })
    .then((user) => {
      console.log('user', user.login);
      setUser(user.login);
      setIsLoading(false);
    })
    .catch((error) => {
      console.log(error);
      setIsError(true);
    });
}, []);
if(isLoading){
  return <h2>Loading ...</h2>;
}
if(isError){
  return <h2>Error ...</h2>;
}
return <h2>{user}</h2>;
};
export default T31_55_MultipleReturns;
```

The bottom status bar indicates "webpack compiled successfully".

The screenshot shows a web browser at localhost:3001 displaying the text "Tutorial 31 - 210410055 Error ...". To the left, the VS Code editor shows the same file `T31_55-multiple-returns.js` with the following code:

```
import React, { useState, useEffect } from 'react';
const url = 'https://api.github.com/users/sean1';
const T31_55_MultipleReturns = () => {
  const [isLoading, setIsLoading] = useState(true);
  const [isError, setIsError] = useState(false);
  const [user, setUser] = useState('default user');
  // run once
  useEffect(() => {
    fetch(url)
      .then((response) => {
        if(response.status >= 200 && response.status <= 299) {
          return response.json();
        }
      })
      .then((user) => {
        console.log('user', user.login);
        setUser(user.login);
        setIsLoading(false);
      })
      .catch((error) => {
        console.log(error);
        setIsError(true);
      });
  }, []);
  if(isLoading){
    return <h2>Loading ...</h2>;
  }
  if(isError){
    return <h2>Error ...</h2>;
  }
  return <h2>{user}</h2>;
};
export default T31_55_MultipleReturns;
```

The bottom status bar indicates "webpack compiled successfully".

