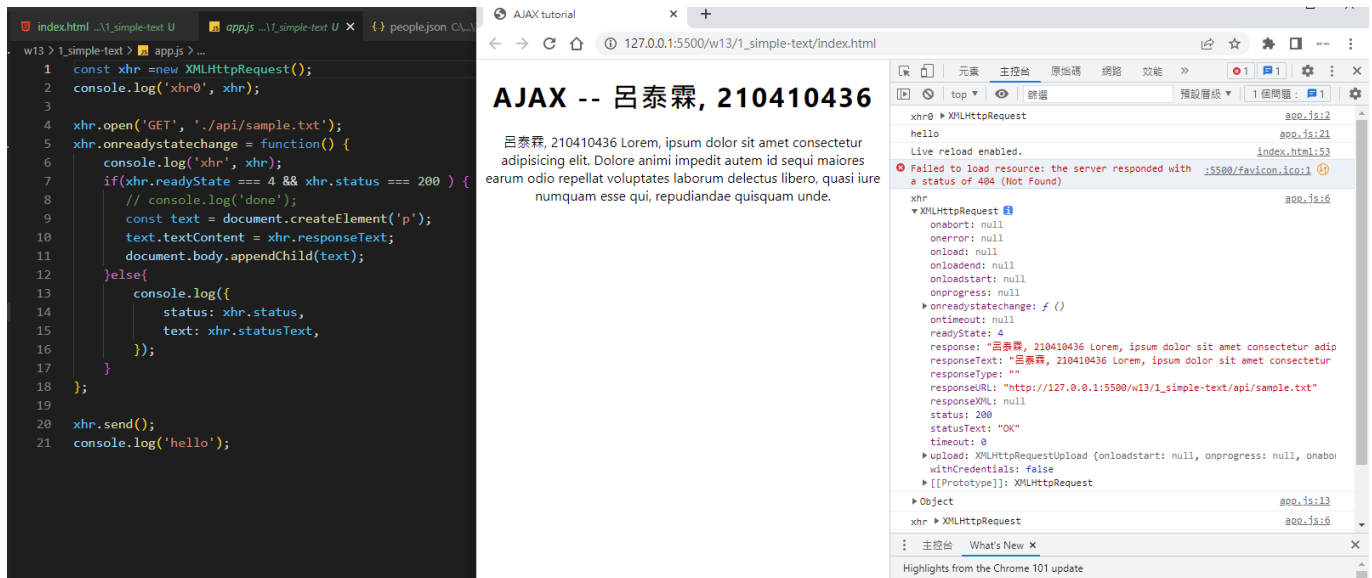
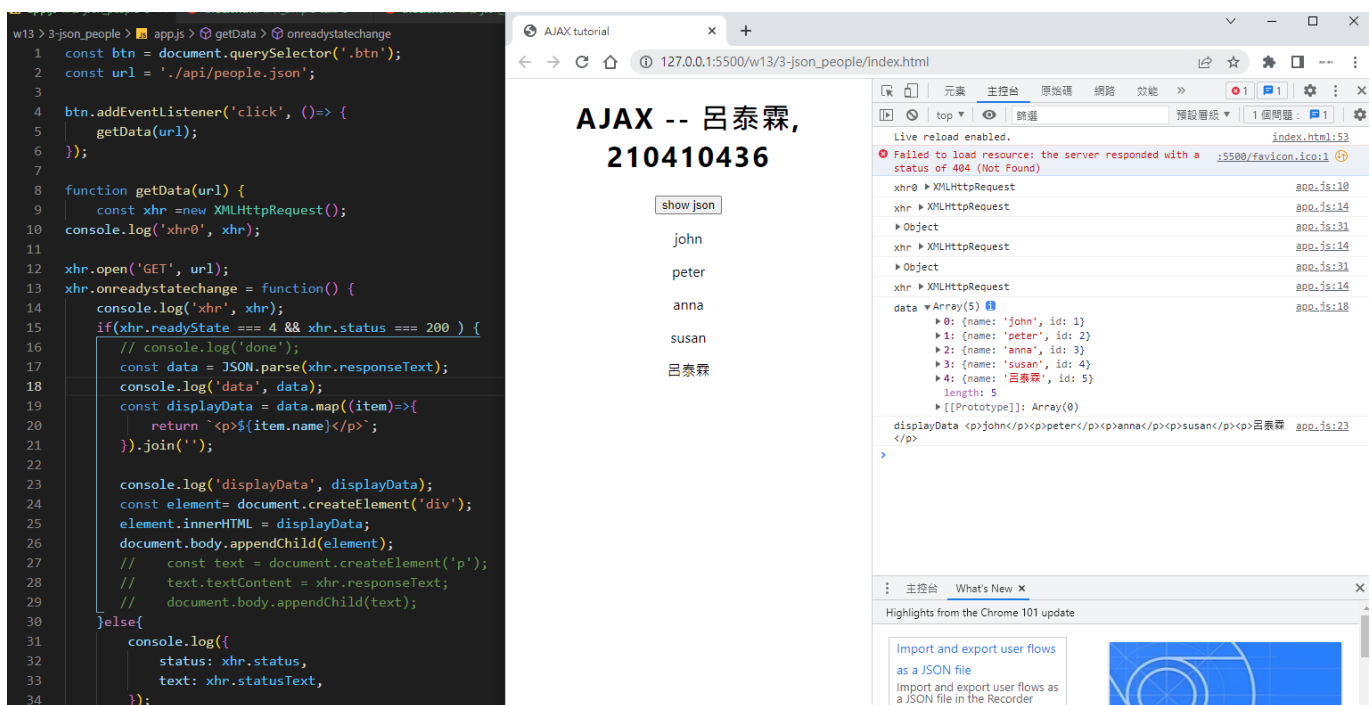


## w13-p1: use xhr object to get sample.txt, and show it on webpage



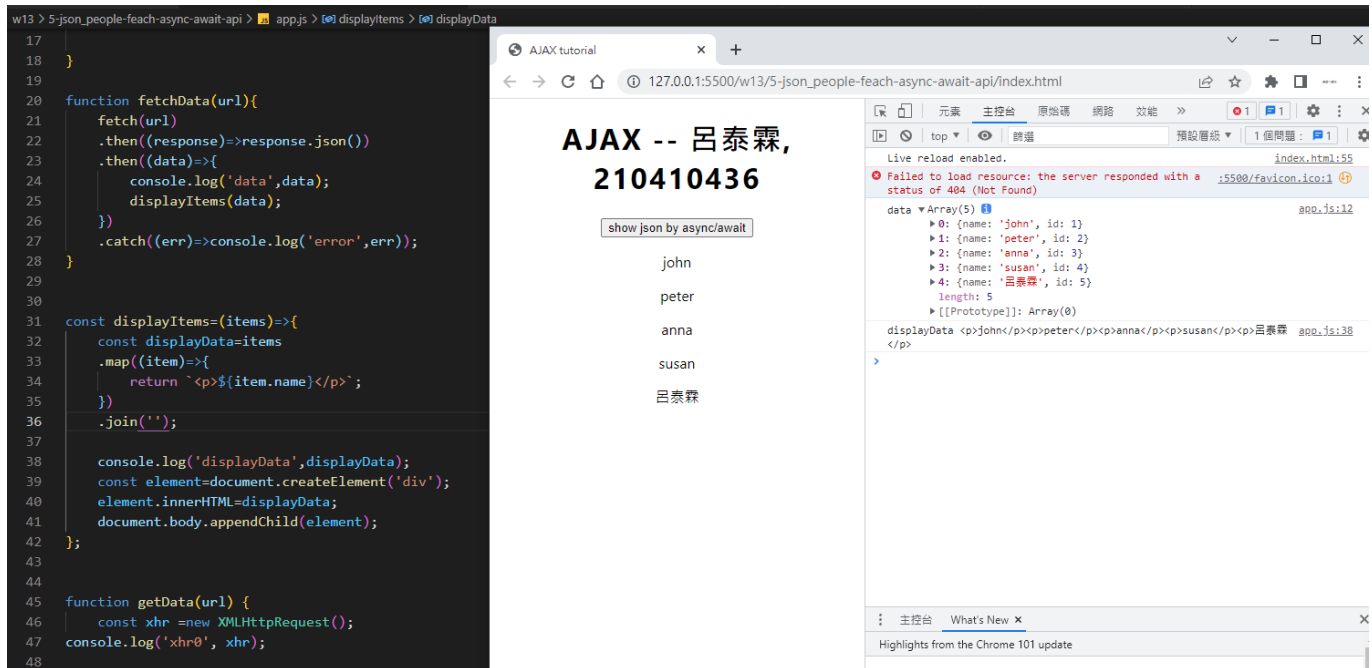
The screenshot shows a web browser window with the title "AJAX -- 呂泰霖, 210410436". The page content is a Lorem Ipsum text. The browser's developer tools are open, showing the XHR object in the console. The XHR object has a status of 200 and a response of the Lorem Ipsum text. The console also shows the XHR object's properties and methods.

## w13-p2: use xhr object to get people.json, and show it on webpage



The screenshot shows a web browser window with the title "AJAX -- 呂泰霖, 210410436". The page content shows a list of names: john, peter, anna, susan, and 呂泰霖. The browser's developer tools are open, showing the XHR object in the console. The XHR object has a status of 200 and a response of the JSON data. The console also shows the XHR object's properties and methods.

## w13-p3: use fetch api to get people.json, and show it on webpage



```
17 }
18
19
20 function fetchData(url){
21   fetch(url)
22   .then((response)=>response.json())
23   .then((data)=>{
24     console.log('data',data);
25     displayItems(data);
26   })
27   .catch((err)=>console.log('error',err));
28 }
29
30
31 const displayItems=(items)=>{
32   const displayData=items
33   .map((item)=>{
34     return `<p>${item.name}</p>`;
35   })
36   .join('');
37
38   console.log('displayData',displayData);
39   const element=document.createElement('div');
40   element.innerHTML=displayData;
41   document.body.appendChild(element);
42 };
43
44
45 function getData(url) {
46   const xhr =new XMLHttpRequest();
47   console.log('xhr0', xhr);
48 }
```

AJAX tutorial

# AJAX -- 呂泰霖, 210410436

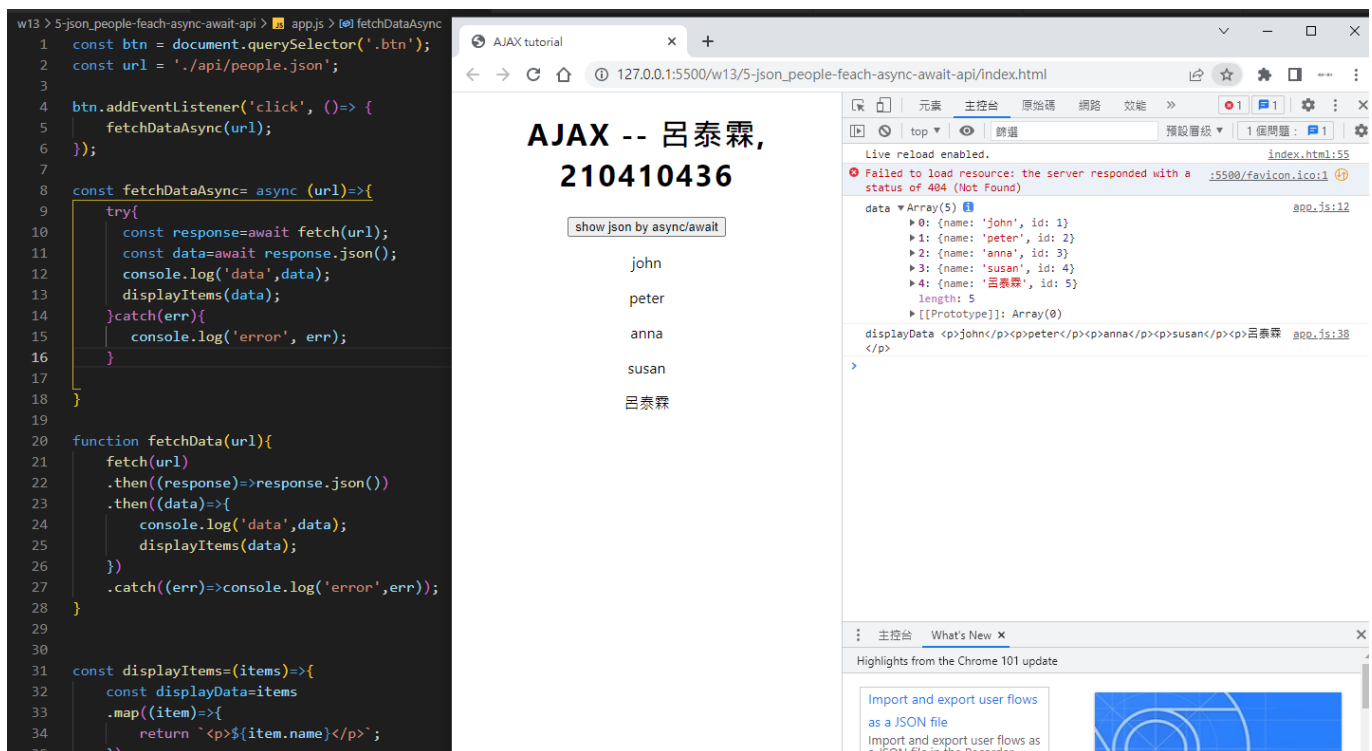
show json by async/await

john  
peter  
anna  
susan  
呂泰霖

```
data Array(5)
  0: {name: 'john', id: 1}
  1: {name: 'peter', id: 2}
  2: {name: 'anna', id: 3}
  3: {name: 'susan', id: 4}
  4: {name: '呂泰霖', id: 5}
  length: 5
  [[Prototype]]: Array(0)

displayData <p>john</p><p>peter</p><p>anna</p><p>susan</p><p>呂泰霖
</p>
```

w13-p4: use async/await to get people.json, and show it on webpage



```
1 const btn = document.querySelector('.btn');
2 const url = './api/people.json';
3
4 btn.addEventListener('click', ()=> {
5   fetchDataAsync(url);
6 });
7
8 const fetchDataAsync = async (url)=>{
9   try{
10     const response=await fetch(url);
11     const data=await response.json();
12     console.log('data',data);
13     displayItems(data);
14   }catch(err){
15     console.log('error', err);
16   }
17 }
18
19
20 function fetchData(url){
21   fetch(url)
22   .then((response)=>response.json())
23   .then((data)=>{
24     console.log('data',data);
25     displayItems(data);
26   })
27   .catch((err)=>console.log('error',err));
28 }
29
30
31 const displayItems=(items)=>{
32   const displayData=items
33   .map((item)=>{
34     return `<p>${item.name}</p>`;
35   })
36   .join('');
37
38   console.log('displayData',displayData);
39   const element=document.createElement('div');
40   element.innerHTML=displayData;
41   document.body.appendChild(element);
42 };
43
44
45 function getData(url) {
46   const xhr =new XMLHttpRequest();
47   console.log('xhr0', xhr);
48 }
```

AJAX tutorial

# AJAX -- 呂泰霖, 210410436

show json by async/await

john  
peter  
anna  
susan  
呂泰霖

```
data Array(5)
  0: {name: 'john', id: 1}
  1: {name: 'peter', id: 2}
  2: {name: 'anna', id: 3}
  3: {name: 'susan', id: 4}
  4: {name: '呂泰霖', id: 5}
  length: 5
  [[Prototype]]: Array(0)

displayData <p>john</p><p>peter</p><p>anna</p><p>susan</p><p>呂泰霖
</p>
```

w13-last-log

```
FireLu@DESKTOP-2NF893T MINGW64 ~/Desktop/1102-JavaScript-210410436 (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-05-17"
0ed9853 firelutku    Wed May 18 23:32:44 2022 +0800  Initial commit
```

\*未命名 - 記事本

檔案(F) 編輯(E) 格式(O) 檢視(V) 說明

```
FireLu@DESKTOP-2NF893T MINGW64
~/Desktop/1102-JavaScript-210410436 (main)
$ git log --pretty=format:"%h%x09%an%x09%ad
%x09%s" --after="2022-05-17"
0ed9853 firelutku    Wed May 18 23:32:44 2022 +0800
Initial commit
```