

W12-P1: Do 1_simple-text

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 files like `index.html` and `sample.txt`. The main editor shows a JavaScript file `sample.txt` with the following code:

```
1 const xhr = new XMLHttpRequest();
2 console.log('xhr');
3
4 xhr.open('GET', '/api/sample.txt');
5 console.log('xhr', xhr);
6
7 xhr.onreadystatechange = function () {
8   console.log('xhr', xhr);
9   if (xhr.readyState === 4 && xhr.status === 200) {
10     const text = document.createElement('p');
11     text.textContent = xhr.responseText;
12     document.body.appendChild(text);
13   } else {
14     console.log({
15       status: xhr.status,
16       text: xhr.statusText,
17     });
18   }
19 }
20
21 xhr.send();
22 console.log('hello');
23
```

The browser window shows the title "AJAX -- Aiong, 210410634" and a paragraph of Lorem Ipsum text. The DevTools console on the right shows the XMLHttpRequest progress, with the final response highlighted in red:

```
{
  readyState: 4,
  response: "Lorem ipsum dolor sit amet consectetur adipiscing e",
  responseText: "Lorem ipsum dolor sit amet consectetur adipiscing",
  responseURL: "http://127.0.0.1:5500/demo/w12_ajax_34/1_simple-text",
  status: 200,
  statusText: "OK",
  timeout: 0,
  upload: XMLHttpRequestUpload {onloadstart: null, onprogress: null, onreadystatechange: f ()}
}
```

2abc503 A-iong Fri May 10 22:40:23 2024 +0800 W12-P1: Do 1_simple-text

W12-P2: Do 2_add_btn

=>Network, Header

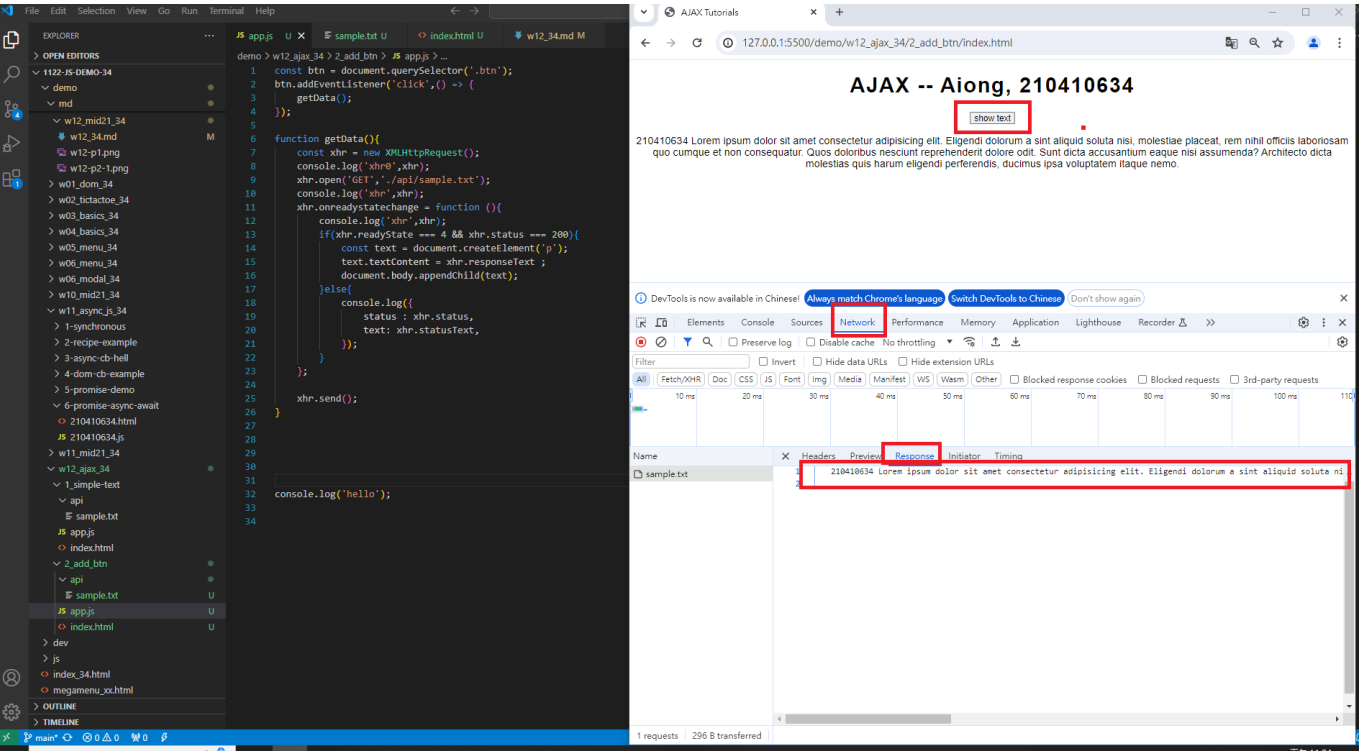
The screenshot shows a development environment with VS Code on the left and a web browser on the right. In VS Code, the file explorer on the left shows a project structure with files like `index.html` and `sample.txt`. The main editor shows a JavaScript file `sample.txt` with the following code:

```
1 const btn = document.querySelector('.btn');
2 btn.addEventListener('click', () => {
3   getData();
4 });
5
6 function getData() {
7   const xhr = new XMLHttpRequest();
8   console.log('xhr', xhr);
9   xhr.open('GET', '/api/sample.txt');
10  console.log('xhr', xhr);
11  xhr.onreadystatechange = function () {
12    console.log('xhr', xhr);
13    if (xhr.readyState === 4 && xhr.status === 200) {
14      const text = document.createElement('p');
15      text.textContent = xhr.responseText;
16      document.body.appendChild(text);
17    } else {
18      console.log({
19        status: xhr.status,
20        text: xhr.statusText,
21      });
22    }
23  }
24
25  xhr.send();
26
27
28
29 console.log('hello');
30
31
32
33
34
```

The browser window shows the title "AJAX -- Aiong, 210410634" and a paragraph of Lorem Ipsum text. The DevTools Network tab on the right shows the XMLHttpRequest progress, with the final response highlighted in red:

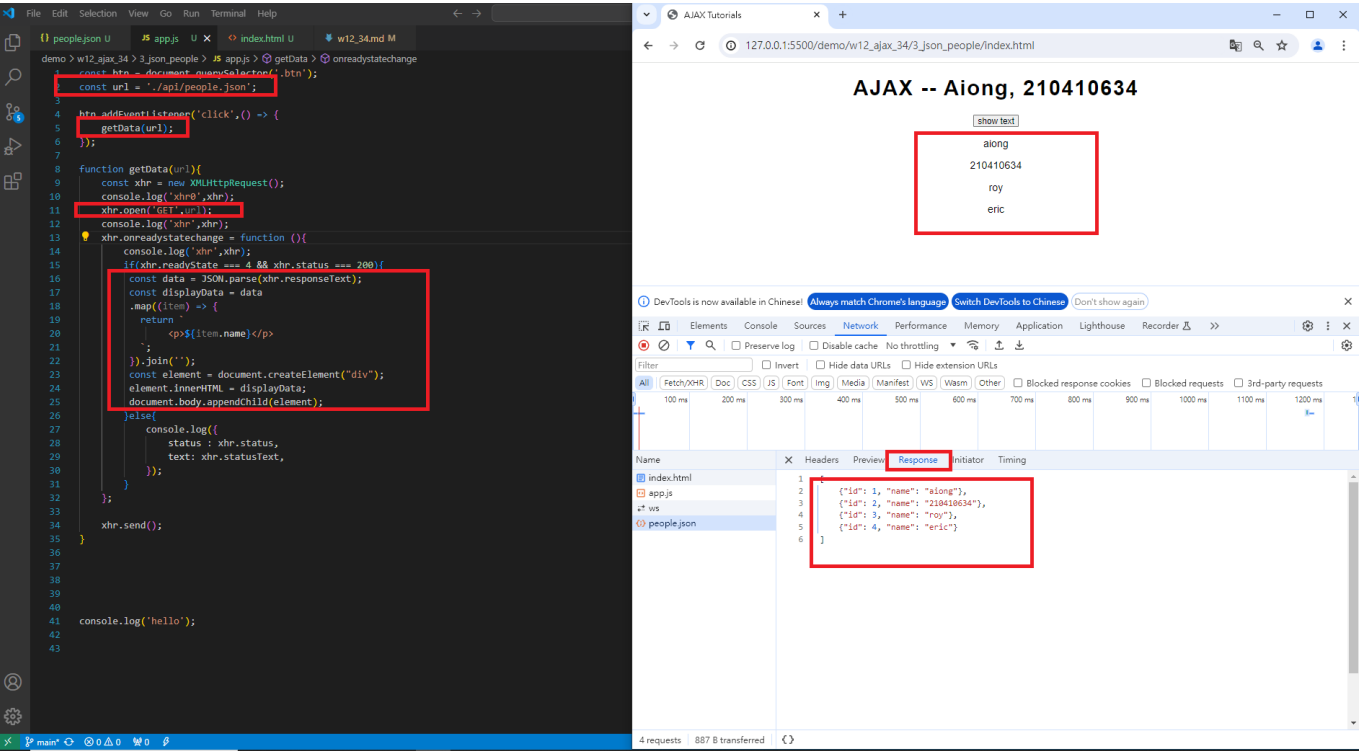
```
210410634 {
  readyState: 4,
  response: "Lorem ipsum dolor sit amet consectetur adipiscing elit. Eligendi dolorum a",
  responseText: "Lorem ipsum dolor sit amet consectetur adipiscing",
  responseURL: "http://127.0.0.1:5500/demo/w12_ajax_34/2_add_btn/sample.txt",
  status: 304,
  statusText: "Not Modified",
  timeout: 0,
  upload: XMLHttpRequestUpload {onloadstart: null, onprogress: null, onreadystatechange: f ()}
}
```

=>Network, Response



614ce66 A-iong Fri May 10 23:08:45 2024 +0800 W12-P2: Do 2_add_btn

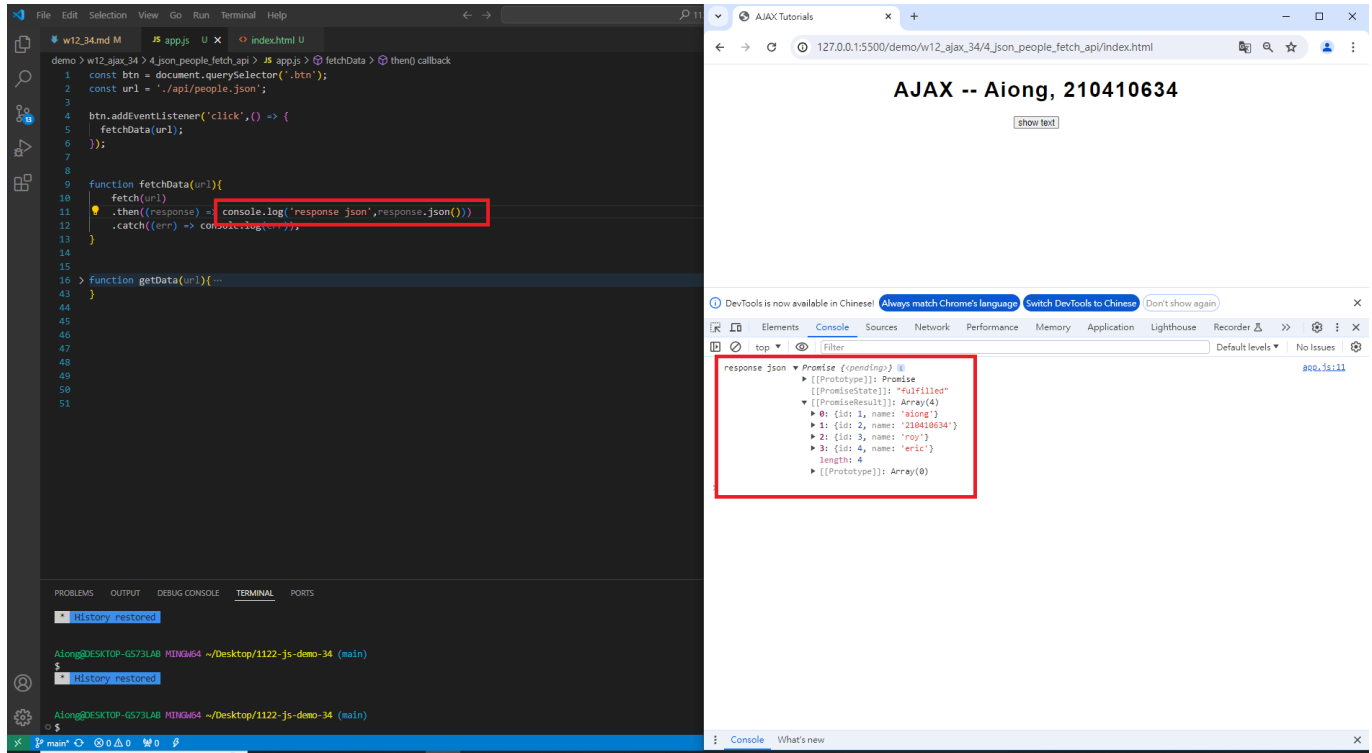
W12-P3: Do 3_json_people_xhr



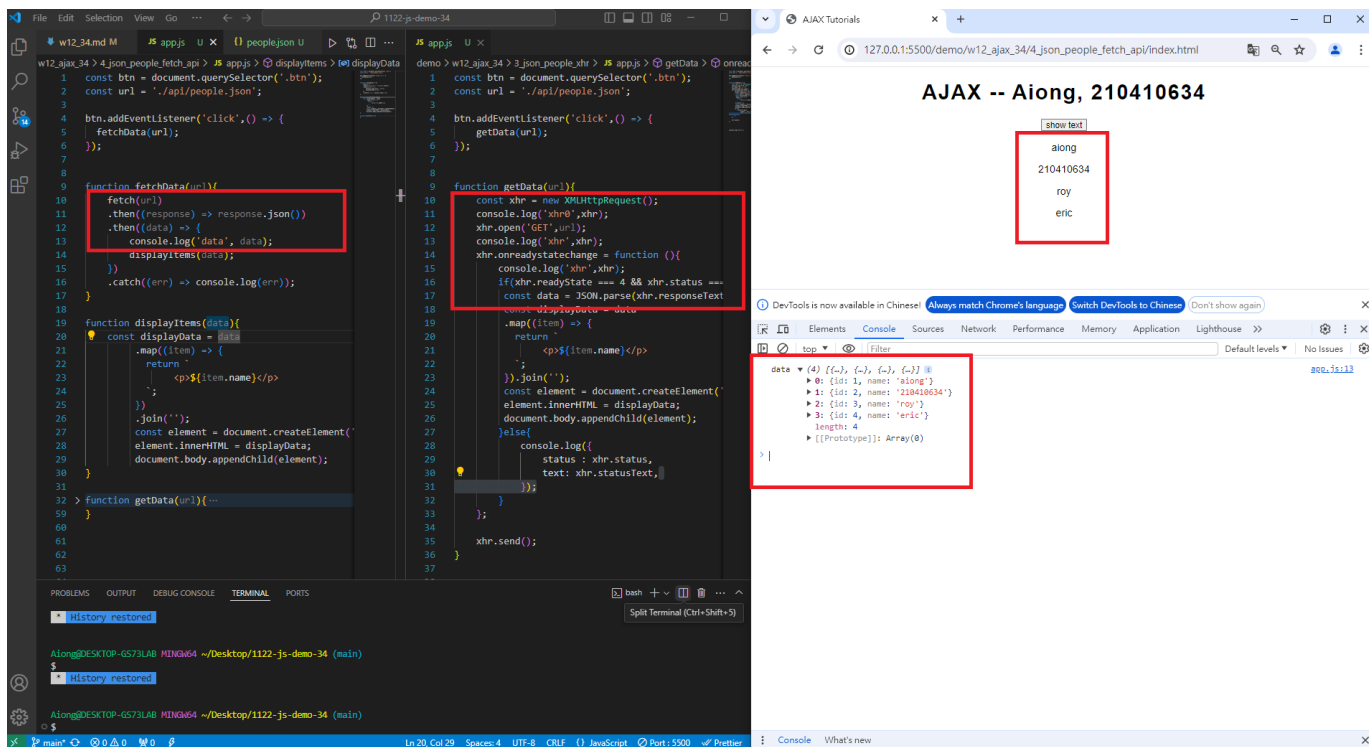
e8c2e42 A-iong Fri May 10 23:38:30 2024 +0800 W12-P3: Do 3_json_people_xhr

W12-P4: Do 3_json_people_fetch_api

=> `fetch(url).then(response => response.json())`

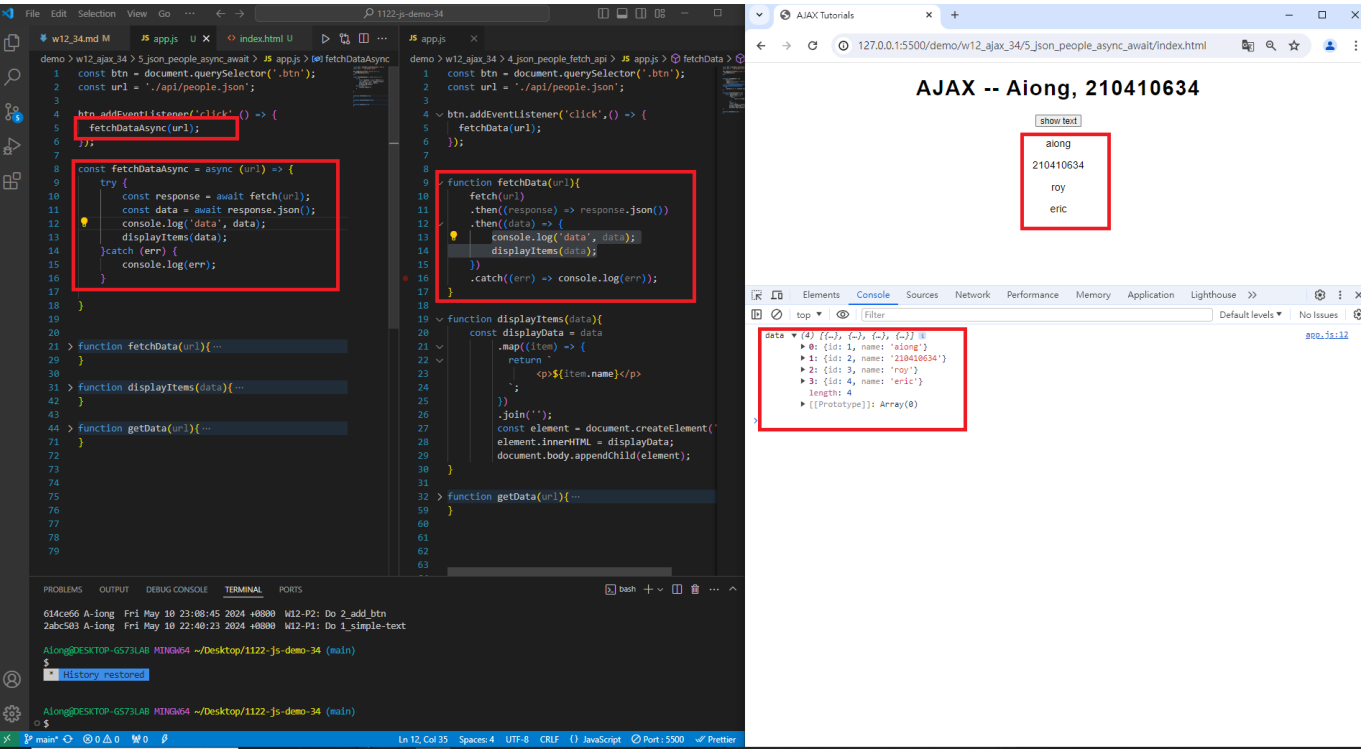


=> `fetch api vs.xhr`



c7f399f A-iong Sat May 11 00:16:03 2024 +0800 W12-P4: Do 3_json_people_fetch_api

W12-P5: Do 3_json_people_async_await



1038aa3 A-iong Sat May 11 00:32:11 2024 +0800 W12-P5: Do 3_json_people_async_await

W12-P6: git logs for W12

1038aa3 A-iong Sat May 11 00:32:11 2024 +0800 W12-P5: Do 3_json_people_async_await c7f399f A-iong Sat May 11 00:16:03 2024 +0800 W12-P4: Do 3_json_people_fetch_api e8c2e42 A-iong Fri May 10 23:38:30 2024 +0800 W12-P3: Do 3_json_people_xhr 614ce66 A-iong Fri May 10 23:08:45 2024 +0800 W12-P2: Do 2_add_btn 2abc503 A-iong Fri May 10 22:40:23 2024 +0800 W12-P1: Do 1_simple-text