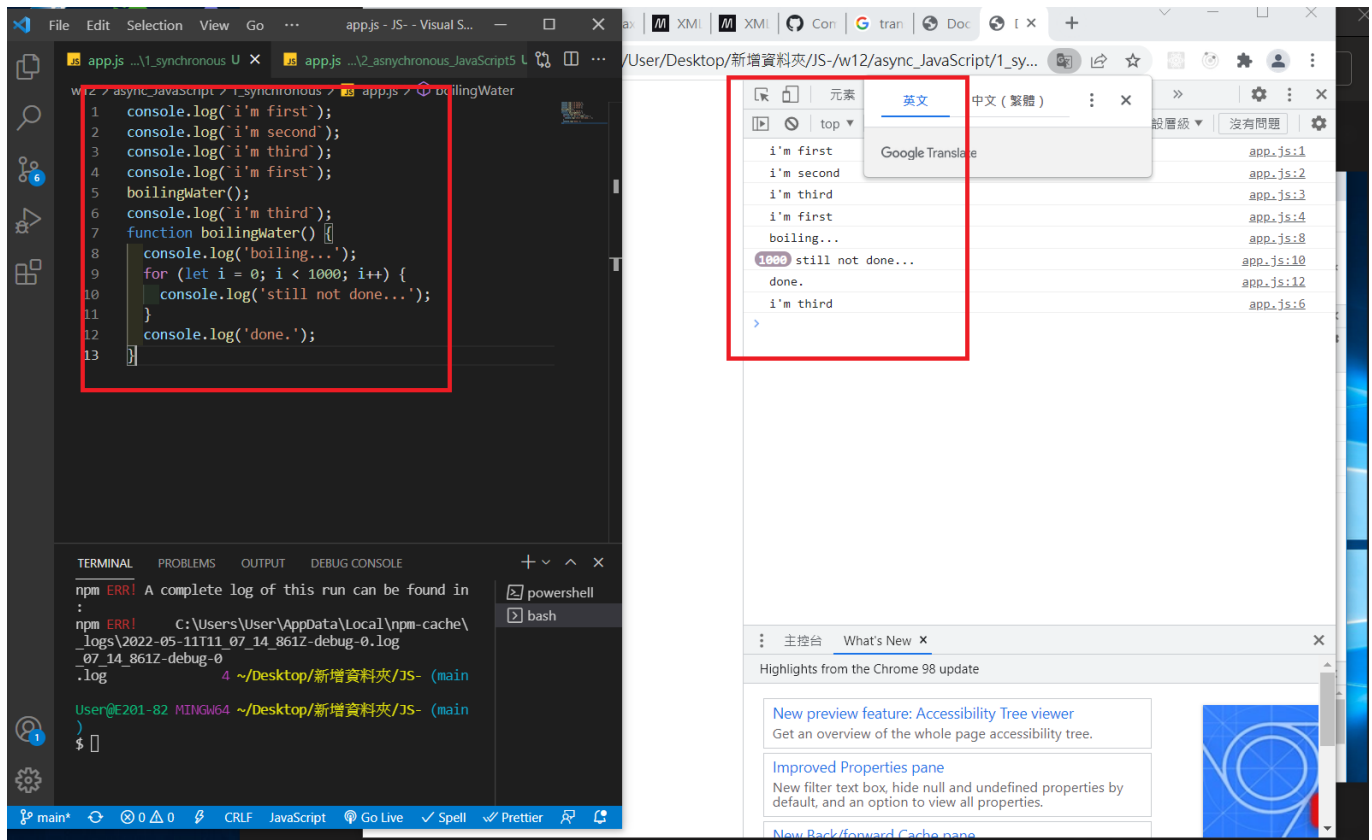
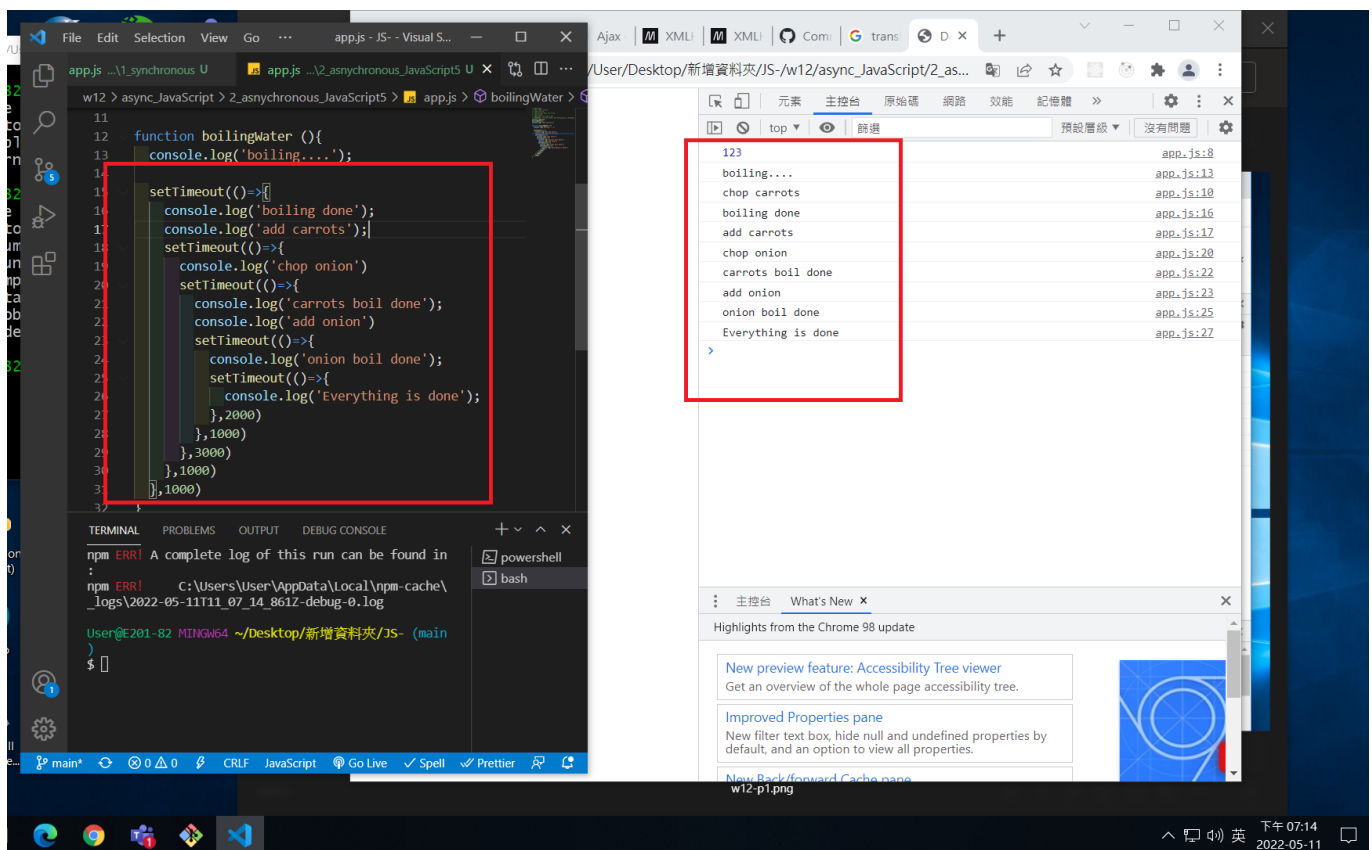


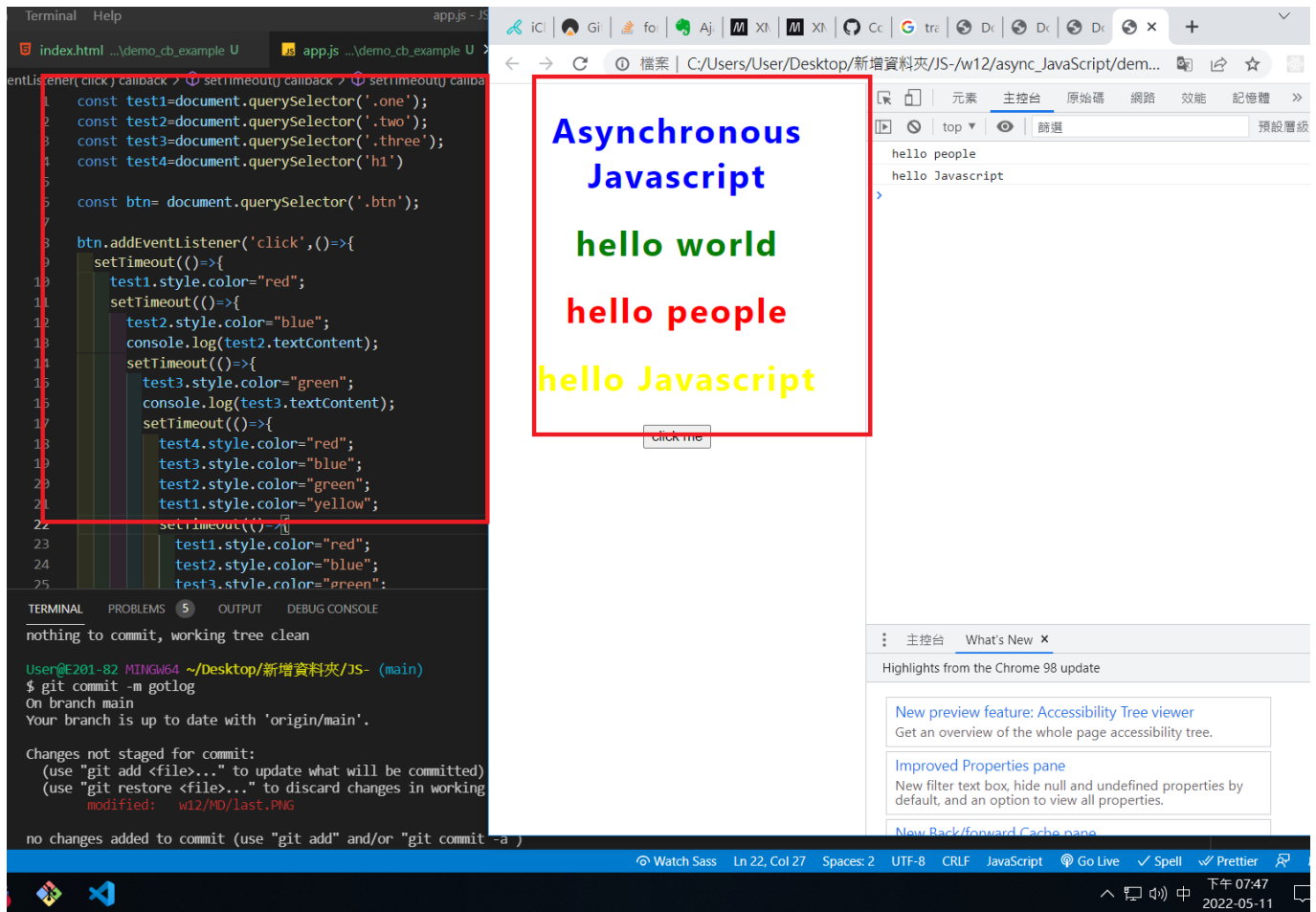
同步



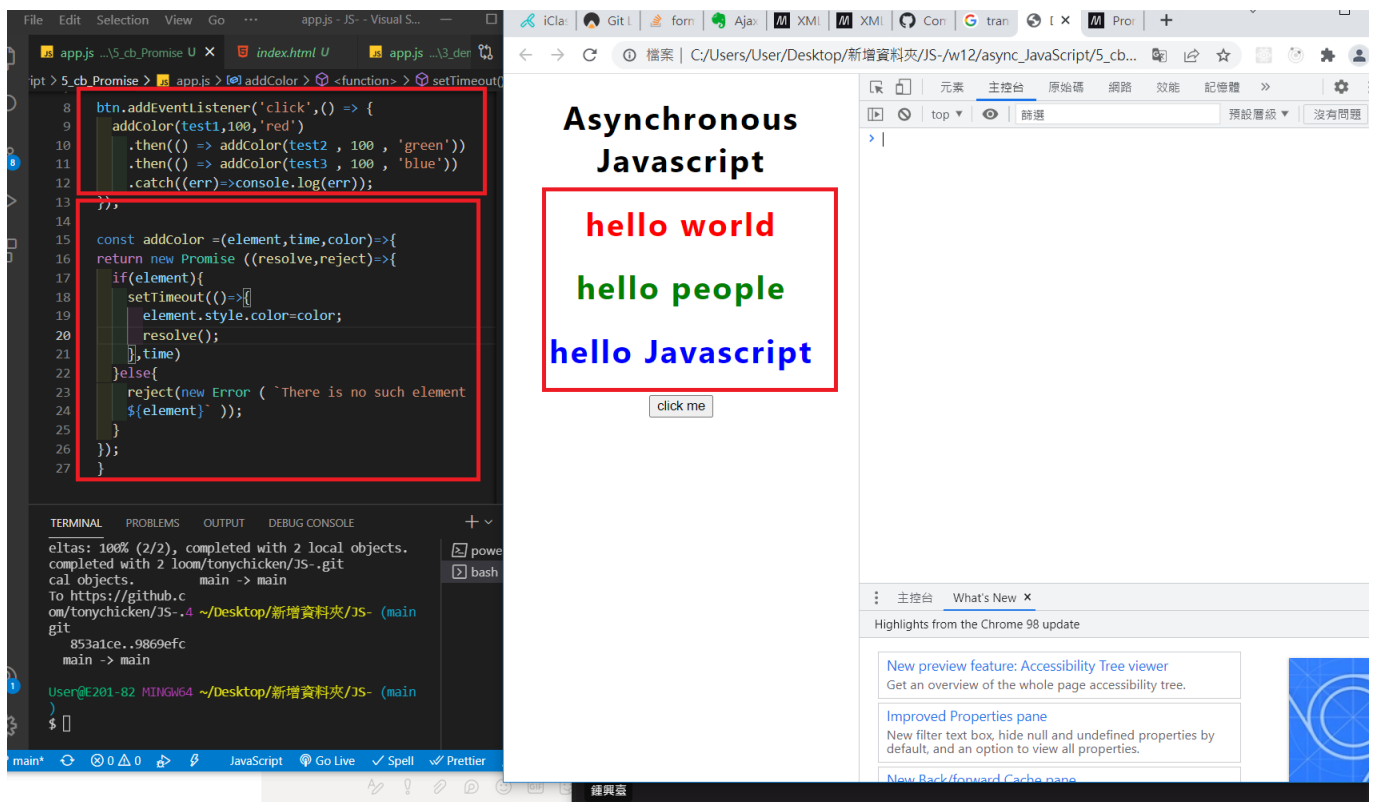
非同步



非同步 DEMO



Promise DEMO



error Demo

The screenshot shows a VS Code editor on the left with a JavaScript file named `app.js`. The code defines three test elements, a button, and an `addColor` function that uses `setTimeout` to change the color of the clicked element. The code is as follows:

```

1 const test1=document.querySelector('.one');
2 const test2=document.querySelector('.two');
3 const test3=document.querySelector('.three');
4 const test4=document.querySelector('.h1');
5
6 const btn= document.querySelector('.btn');
7
8 btn.addEventListener('click',() => {
9   addColor(test1,100,'red')
10   .then(() => addColor(test2, 100, 'green'))
11   .then(() => addColor(test3, 100, 'blue'))
12   .catch((err)=>console.log(err));
13 });
14
15 const addColor =(element,time,color)=>{
16   return new Promise ((resolve,reject)=>{
17     if(element){
18       setTimeout(()=>{
19         element.style.color=color;
20         resolve();
21       },time)
22     }else{

```

The Chrome browser on the right displays the text "Asynchronous Javascript", "hello world", "hello people", and "hello Javascript". A red box highlights the text "hello Javascript". The Chrome DevTools console shows an error: "Error: There is no such element null" at `app.js:23:12`.

async Demo

The screenshot shows a VS Code editor on the left with a JavaScript file named `app.js`. The code defines four test elements, a button, and an `displayColor` function that uses `await` to change the color of the clicked element. The code is as follows:

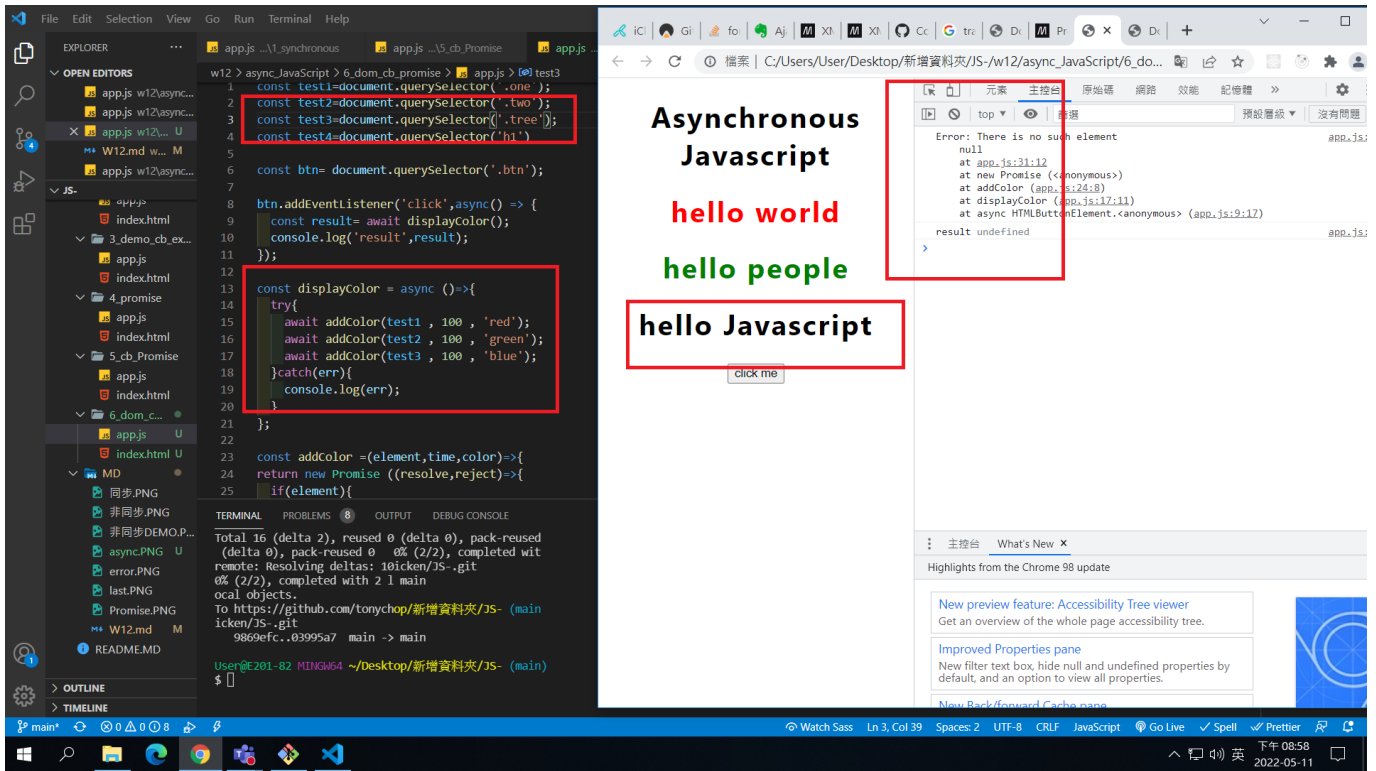
```

1 const test1=document.querySelector('.one');
2 const test2=document.querySelector('.two');
3 const test3=document.querySelector('.three');
4 const test4=document.querySelector('.h1');
5
6 const btn= document.querySelector('.btn');
7
8 btn.addEventListener('click',async () => {
9   const result= await displayColor();
10   console.log('result',result);
11 });
12
13 const displayColor = async ()=>{
14   try{
15     await addColor(test1, 100, 'red');
16     await addColor(test2, 100, 'green');
17     await addColor(test3, 100, 'blue');
18   }catch(err){
19     console.log(err);
20   }
21 };
22

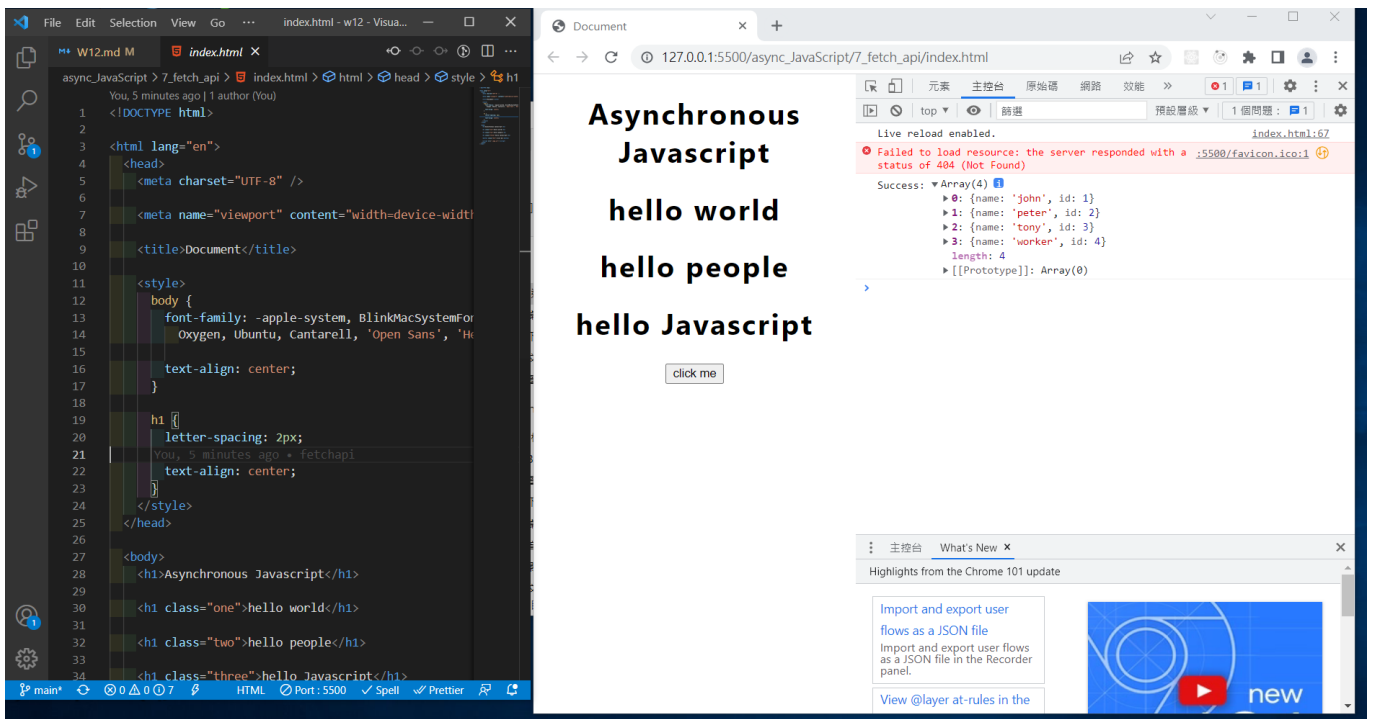
```

The Chrome browser on the right displays the text "Asynchronous Javascript", "hello world", "hello people", and "hello Javascript". A red box highlights the text "hello Javascript". The Chrome DevTools console shows the result: "result undefined".

asyncError Demo



fetchapi Demo



LAST LOG 紀錄

```

w12 > MD > W12.md > ## async Demo
12
13 Tony, 18 minutes ago | 1 author (Tony)
14 ### Promise DEMO
15 ![promise.png](promise.png)
16
17 Tony, 18 minutes ago | 1 author (Tony)
18 ### error Demo
19 ![error.png](error.png)

```

```

'git <command> [<revision>...] -- [<file>...]'
User@E201-82 MINGW64 ~/Desktop/新增資料夾/JS- (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%as"
29552de Tony    Wed May 11 20:59:54 2022 +0800    asyncAndasyncError
0:59:54 2022 +0800    asyncAnd0:41:11 2022 +0800    PromiseAndError
asyncError          9:50:35 2022 +0800    非同步DEMO
03995a7 Tony    Wed May 11 20:41:11 2022 +0800    gotlog
0:41:11 2022 +0800    PromiseA9:16:39 2022 +0800    synchronousAndasynchronous
ndError            8:44:36 2022 +0800    ajaxasyn
9869efc Tony    Wed May 11 19:50:35 2022 +0800    Create README.MD
9:50:35 2022 +0800    非同步DEFApr 27 23:03:16 2022 +0800    updateMidterm
NO                Apr 27 17:19:25 2022 +0800    UpdateRecordForWeek
853a1ce Tony    Wed May 11 19:18:22 2022 +0800    gotlog
9:18:22 2022 +0800
f653808 Tony    Wed May 11 19:16:39 2022 +0800    synchron
ousAndasynchronous
cdd8208 Tony    Wed May 11 18:44:36 2022 +0800    ajaxasyn
c
ce598b7 tonychicken Wed
Apr 27 23:13:30 2022 +0800
Create README.MD
Gabc0b nick-tsai Wed Apr 27 23:03:16 2022 +0800    updateMidterm
0:59:54 nick-tsai Wed Apr 27 17:19:25 2022 +0800    UpdateRecordForWeek
07177e2 tonychicken Sun Apr 10 14:53:07 2022 +0800    Add files via upload

```

29552de Tony Wed May 11 20:59:54 2022 +0800 asyncAndasyncError

03995a7 Tony Wed May 11 20:41:11 2022 +0800 PromiseAndError

9869efc Tony Wed May 11 19:50:35 2022 +0800 非同步 DEMO

853a1ce Tony Wed May 11 19:18:22 2022 +0800 gotlog

f653808 Tony Wed May 11 19:16:39 2022 +0800 synchronousAndasynchronous

cdd8208 Tony Wed May 11 18:44:36 2022 +0800 ajaxasyn