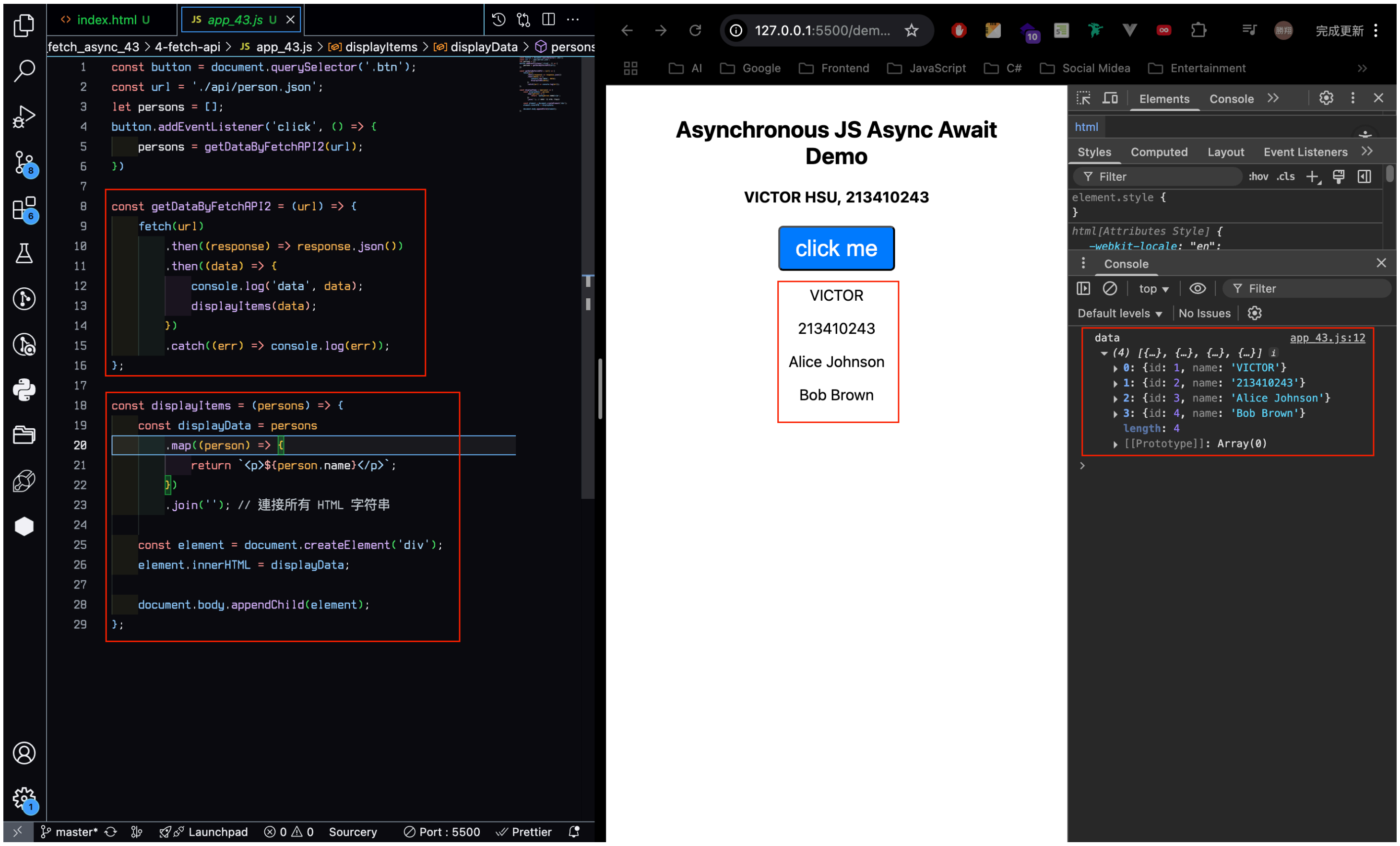
GitHub URL

Vercel URL

W13-P1: Use fetch API to replace xhr approach


index.html U
app_43.js U
fetch_async_43 > 4-fetch-api > app_43.js > displayItems > displayData > persons
master* Launchpad ⊗ 0 ⚠ 0 Sourcery Port : 5500 Prettier
127.0.0.1:5500/dem...
AI Google Frontend JavaScript C# Social Midea Entertainment
完成更新
Elements Console
Styles Computed Layout Event Listeners
Filter :hov .cls
Console
top Filter
Default levels No Issues

```
const button = document.querySelector('.btn');
const url = './api/person.json';
let persons = [];
button.addEventListener('click', () => {
    persons = getDataByFetchAPI2(url);
})

const getDataByFetchAPI2 = (url) => {
    fetch(url)
        .then((response) => response.json())
        .then((data) => {
            console.log('data', data);
            displayItems(data);
        })
        .catch((err) => console.log(err));
};

const displayItems = (persons) => {
    const displayData = persons
        .map((person) => {
            return `<p>${person.name}</p>`;
        })
        .join(''); // 連接所有 HTML 字符串

    const element = document.createElement('div');
    element.innerHTML = displayData;

    document.body.appendChild(element);
};
```

Asynchronous JS Async Await Demo

VICTOR HSU, 213410243

click me

VICTOR

213410243

Alice Johnson

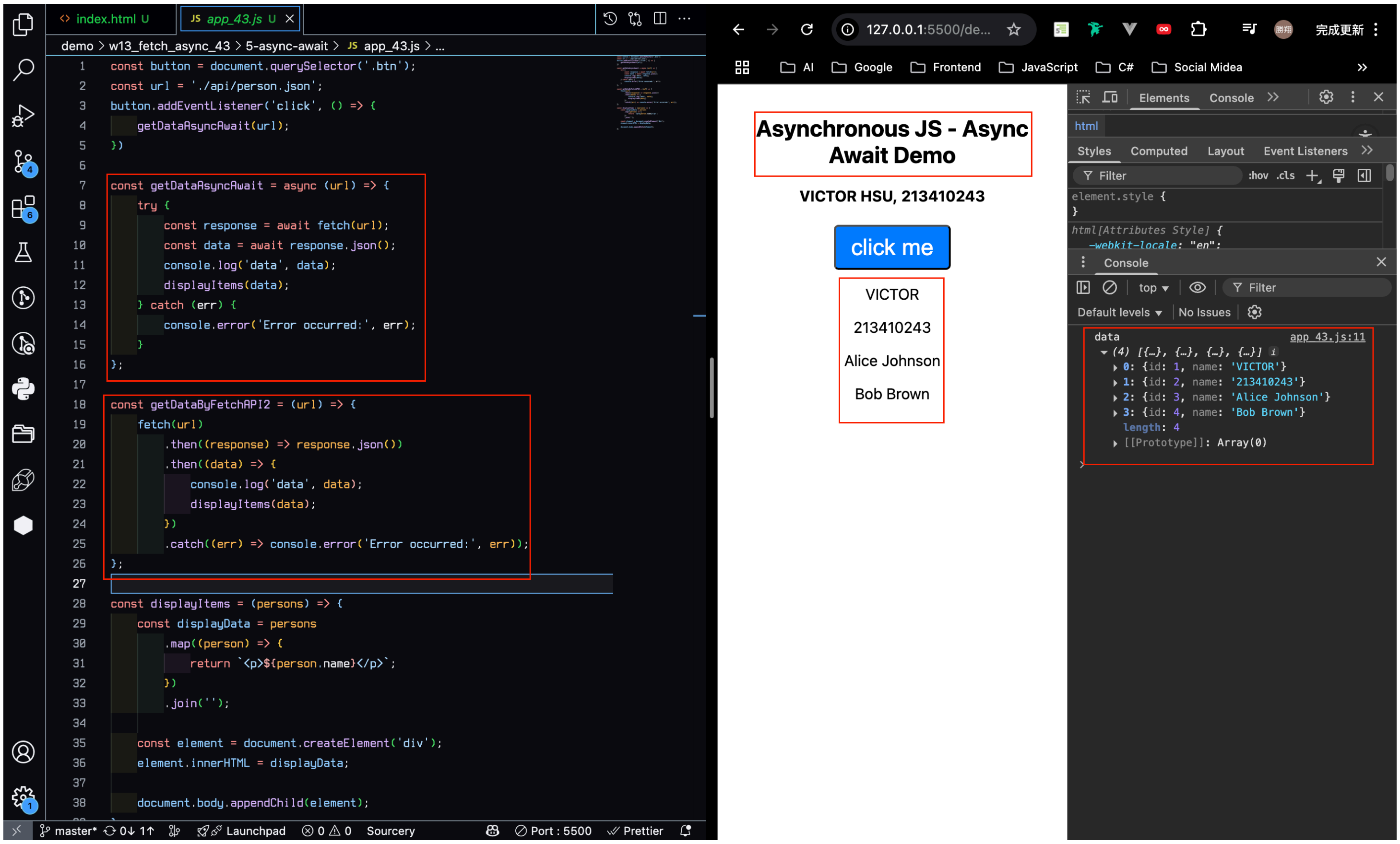
Bob Brown

```
element.style {
}
html[Attributes Style] {
  -webkit-locale: "en";
```

```
data                                              app_43.js:12
  ▾ (4) [{…}, {…}, {…}, {…}] i
    ▸ 0: {id: 1, name: 'VICTOR'}
    ▸ 1: {id: 2, name: '213410243'}
    ▸ 2: {id: 3, name: 'Alice Johnson'}
    ▸ 3: {id: 4, name: 'Bob Brown'}
      length: 4
    ▸ [[Prototype]]: Array(0)
>
```

```
2ad137f victor_xu       Sun May 18 21:00:16 2025 +0800  W13-P1: Use fetch API to replac
```

W13-P2: Use Async Await to replace fetch API approach



demo > w13_fetch_async_43 > 5-async-await > app_43.js > ...

```js
const button = document.querySelector('.btn');
const url = './api/person.json';
button.addEventListener('click', () => {
    getDataAsyncAwait(url);
})

const getDataAsyncAwait = async (url) => {
    try {
        const response = await fetch(url);
        const data = await response.json();
        console.log('data', data);
        displayItems(data);
    } catch (err) {
        console.error('Error occurred:', err);
    }
};

const getDataByFetchAPI2 = (url) => {
    fetch(url)
        .then((response) => response.json())
        .then((data) => {
            console.log('data', data);
            displayItems(data);
        })
        .catch((err) => console.error('Error occurred:', err));
};

const displayItems = (persons) => {
    const displayData = persons
        .map((person) => {
            return `<p>${person.name}</p>`;
        })
        .join('');

    const element = document.createElement('div');
    element.innerHTML = displayData;

    document.body.appendChild(element);
```

Asynchronous JS - Async Await Demo

VICTOR HSU, 213410243

click me

VICTOR

213410243

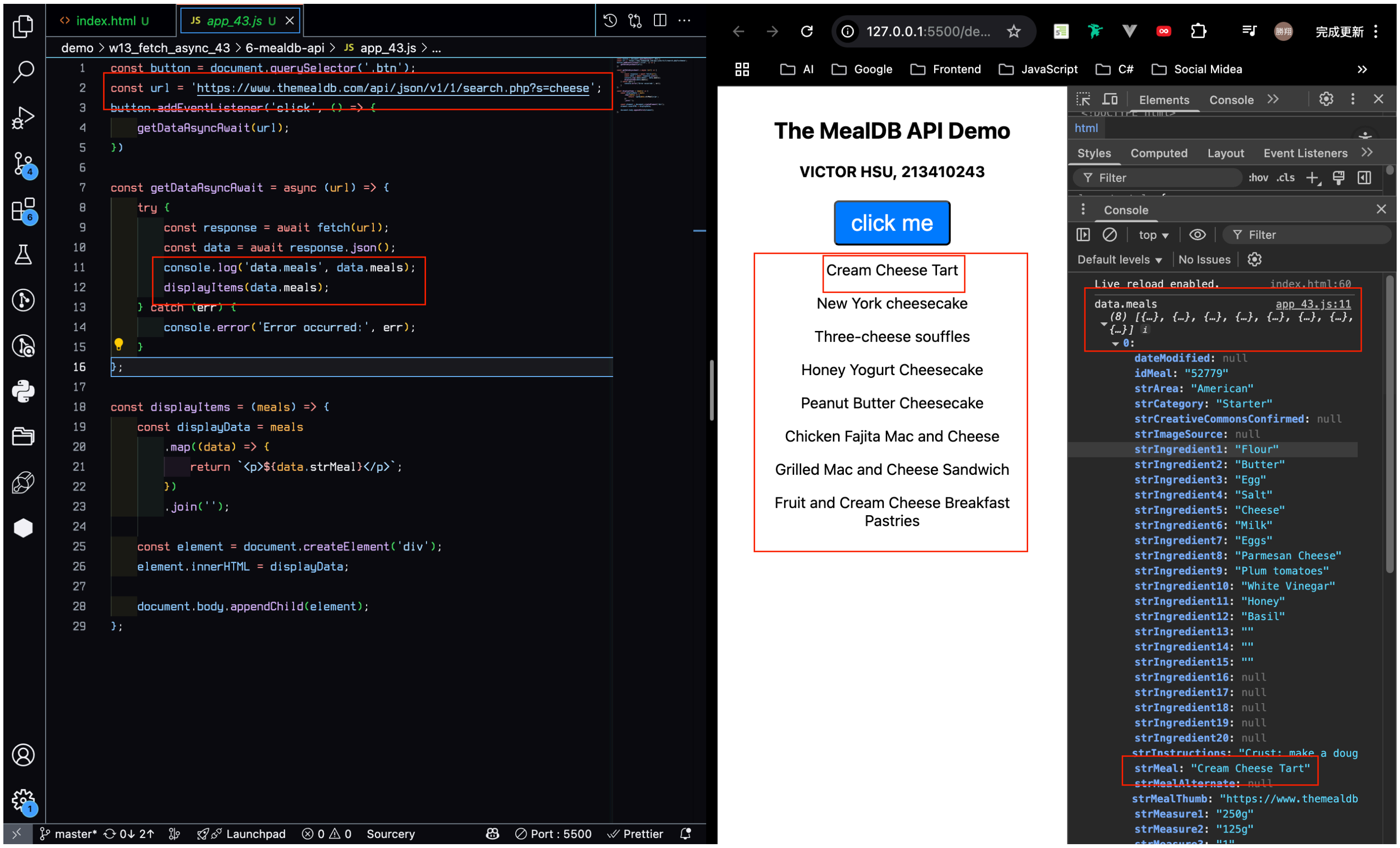
Alice Johnson

Bob Brown

```
data                                                app_43.js:11
▼ (4) [{…}, {…}, {…}, {…}] i
  ▶ 0: {id: 1, name: 'VICTOR'}
  ▶ 1: {id: 2, name: '213410243'}
  ▶ 2: {id: 3, name: 'Alice Johnson'}
  ▶ 3: {id: 4, name: 'Bob Brown'}
    length: 4
  ▶ [[Prototype]]: Array(0)
```

```
2add321 victor_xu       Sun May 18 21:05:10 2025 +0800  W13-P2: Use Async Await to repl
```

W13-P3: Get meals about cheese from TheMealDB



```javascript
const button = document.querySelector('.btn');
const url = 'https://www.themealdb.com/api/json/v1/1/search.php?s=cheese';
button.addEventListener('click', () => {
    getDataAsyncAwait(url);
})

const getDataAsyncAwait = async (url) => {
    try {
        const response = await fetch(url);
        const data = await response.json();
        console.log('data.meals', data.meals);
        displayItems(data.meals);
    } catch (err) {
        console.error('Error occurred:', err);
    }
};

const displayItems = (meals) => {
    const displayData = meals
        .map((data) => {
            return `<p>${data.strMeal}</p>`;
        })
        .join('');

    const element = document.createElement('div');
    element.innerHTML = displayData;

    document.body.appendChild(element);
};
```

The MealDB API Demo

VICTOR HSU, 213410243

click me

Cream Cheese Tart

New York cheesecake

Three-cheese souffles

Honey Yogurt Cheesecake

Peanut Butter Cheesecake

Chicken Fajita Mac and Cheese

Grilled Mac and Cheese Sandwich

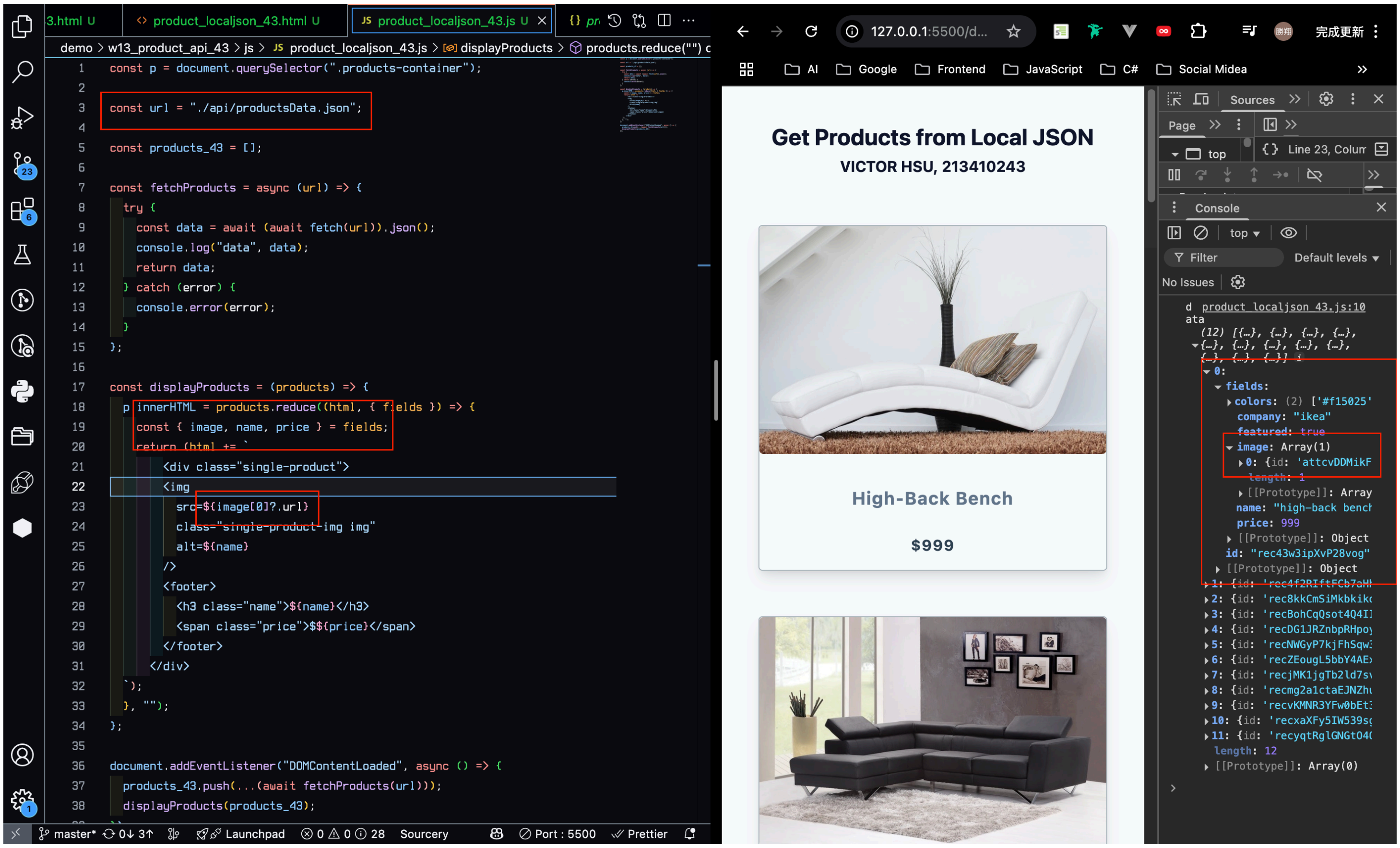
Fruit and Cream Cheese Breakfast Pastries

```
Live reload enabled.                  index.html:60
data.meals                            app_43.js:11
 ▾(8) [{…}, {…}, {…}, {…}, {…}, {…}, {…},
  {…}] i
  ▾0:
     dateModified: null
     idMeal: "52779"
     strArea: "American"
     strCategory: "Starter"
     strCreativeCommonsConfirmed: null
     strImageSource: null
     strIngredient1: "Flour"
     strIngredient2: "Butter"
     strIngredient3: "Egg"
     strIngredient4: "Salt"
     strIngredient5: "Cheese"
     strIngredient6: "Milk"
     strIngredient7: "Eggs"
     strIngredient8: "Parmesan Cheese"
     strIngredient9: "Plum tomatoes"
     strIngredient10: "White Vinegar"
     strIngredient11: "Honey"
     strIngredient12: "Basil"
     strIngredient13: ""
     strIngredient14: ""
     strIngredient15: ""
     strIngredient16: null
     strIngredient17: null
     strIngredient18: null
     strIngredient19: null
     strIngredient20: null
     strInstructions: "Crust: make a doug
     strMeal: "Cream Cheese Tart"
     strMealAlternate: null
     strMealThumb: "https://www.themealdb
     strMeasure1: "250g"
     strMeasure2: "125g"
     strMeasure3: "1"
```

```
d458d5f victor_xu       Sun May 18 21:08:48 2025 +0800  W13-P3: Get meals about cheese
```

W13-P4: Get Products from local json and from API

=> Get products from local json



3.html U
product_localjson_43.html U
product_localjson_43.js U
demo > w13_product_api_43 > js > product_localjson_43.js > displayProducts > products.reduce("") c
master* 0↓ 3↑ Launchpad 0 0 28 Sourcery Port : 5500 Prettier
127.0.0.1:5500/d...
AI
Google
Frontend
JavaScript
C#
Social Midea
完成更新
Sources
Page
top
Line 23, Colum
Console
top
Filter
Default levels
No Issues

```javascript
const p = document.querySelector(".products-container");

const url = "./api/productsData.json";

const products_43 = [];

const fetchProducts = async (url) => {
  try {
    const data = await (await fetch(url)).json();
    console.log("data", data);
    return data;
  } catch (error) {
    console.error(error);
  }
};

const displayProducts = (products) => {
  p.innerHTML = products.reduce((html, { fields }) => {
    const { image, name, price } = fields;
    return (html += `
      <div class="single-product">
        <img
          src=${image[0]?.url}
          class="single-product-img img"
          alt=${name}
        />
        <footer>
          <h3 class="name">${name}</h3>
          <span class="price">$${price}</span>
        </footer>
      </div>
    `);
  }, "");
};

document.addEventListener("DOMContentLoaded", async () => {
  products_43.push(...(await fetchProducts(url)));
  displayProducts(products_43);
```

Get Products from Local JSON

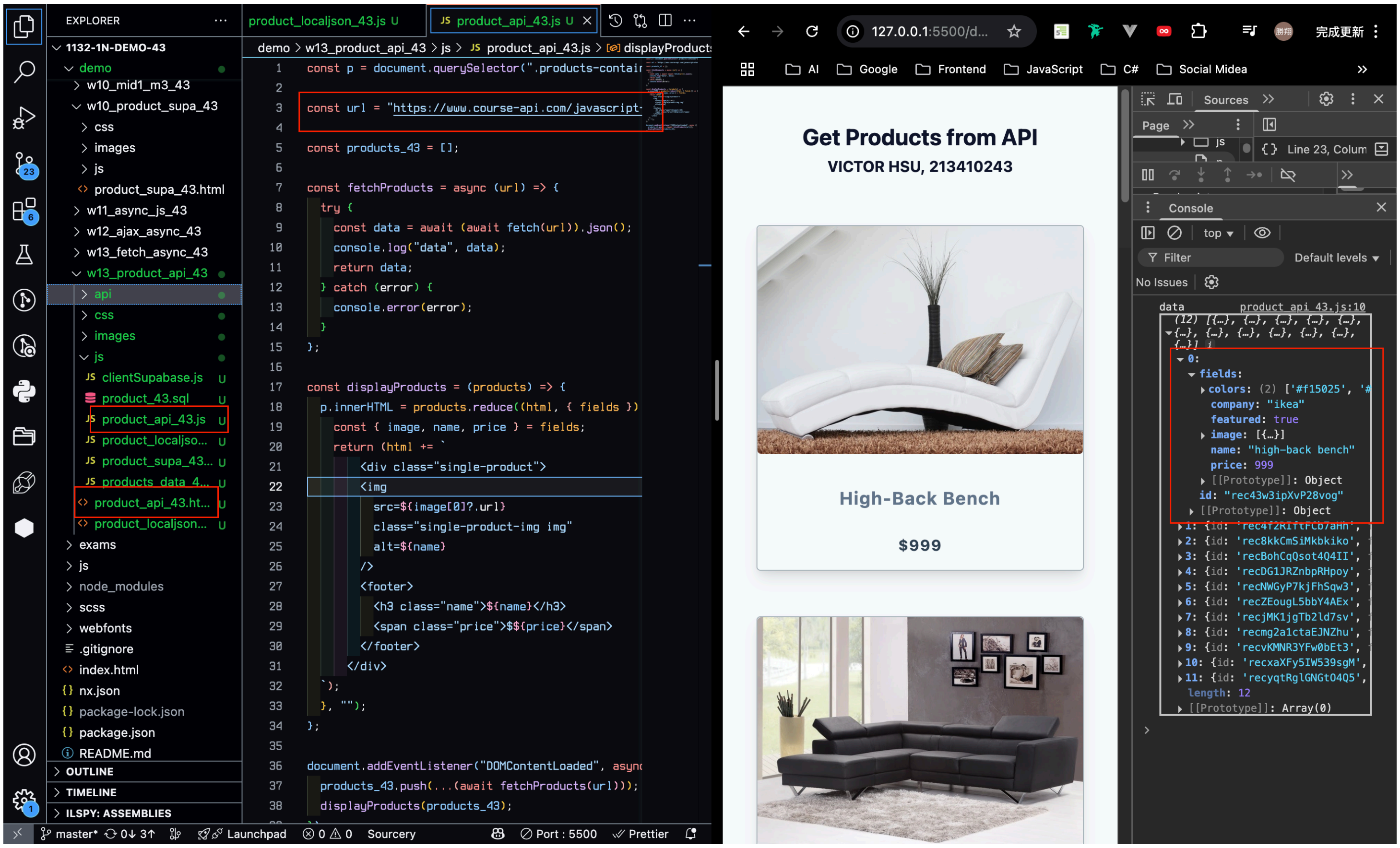
VICTOR HSU, 213410243

High-Back Bench

$999

```
d  product_localjson_43.js:10
ata
   (12) [{…}, {…}, {…}, {…},
  ▾{…}, {…}, {…}, {…}, {…},
   {…}, {…}, {…}] i
   ▾0:
     ▾fields:
       ▸colors: (2) ['#f15025'
        company: "ikea"
        featured: true
       ▾image: Array(1)
         ▸0: {id: 'attcvDDMikF
          length: 1
         ▸[[Prototype]]: Array
        name: "high-back bench
        price: 999
       ▸[[Prototype]]: Object
      id: "rec43w3ipXvP28vog"
     ▸[[Prototype]]: Object
   ▸1: {id: 'rec4f2RIftFCb7aH
   ▸2: {id: 'rec8kkCmSiMkbkik
   ▸3: {id: 'recBohCqQsot4Q4I
   ▸4: {id: 'recDG1JRZnbpRHpo
   ▸5: {id: 'recNWGyP7kjFhSqw
   ▸6: {id: 'recZEougL5bbY4AE
   ▸7: {id: 'recjMK1jgTb2ld7s
   ▸8: {id: 'recmg2a1ctaEJNZh
   ▸9: {id: 'recvKMNR3YFw0bEt
   ▸10: {id: 'recxaXFy5IW539s
   ▸11: {id: 'recyqtRglGNGtO4
    length: 12
   ▸[[Prototype]]: Array(0)
>
```

=> Get products from API



```
const p = document.querySelector(".products-contai

const url = "https://www.course-api.com/javascript-

const products_43 = [];

const fetchProducts = async (url) => {
  try {
    const data = await (await fetch(url)).json();
    console.log("data", data);
    return data;
  } catch (error) {
    console.error(error);
  }
};

const displayProducts = (products) => {
  p.innerHTML = products.reduce((html, { fields })
    const { image, name, price } = fields;
    return (html += `
      <div class="single-product">
      <img
        src=${image[0]?.url}
        class="single-product-img img"
        alt=${name}
      />
      <footer>
        <h3 class="name">${name}</h3>
        <span class="price">$${price}</span>
      </footer>
    </div>
  `);
  }, "");
};

document.addEventListener("DOMContentLoaded", async
  products_43.push(...(await fetchProducts(url)));
  displayProducts(products_43);
```

Get Products from API

VICTOR HSU, 213410243

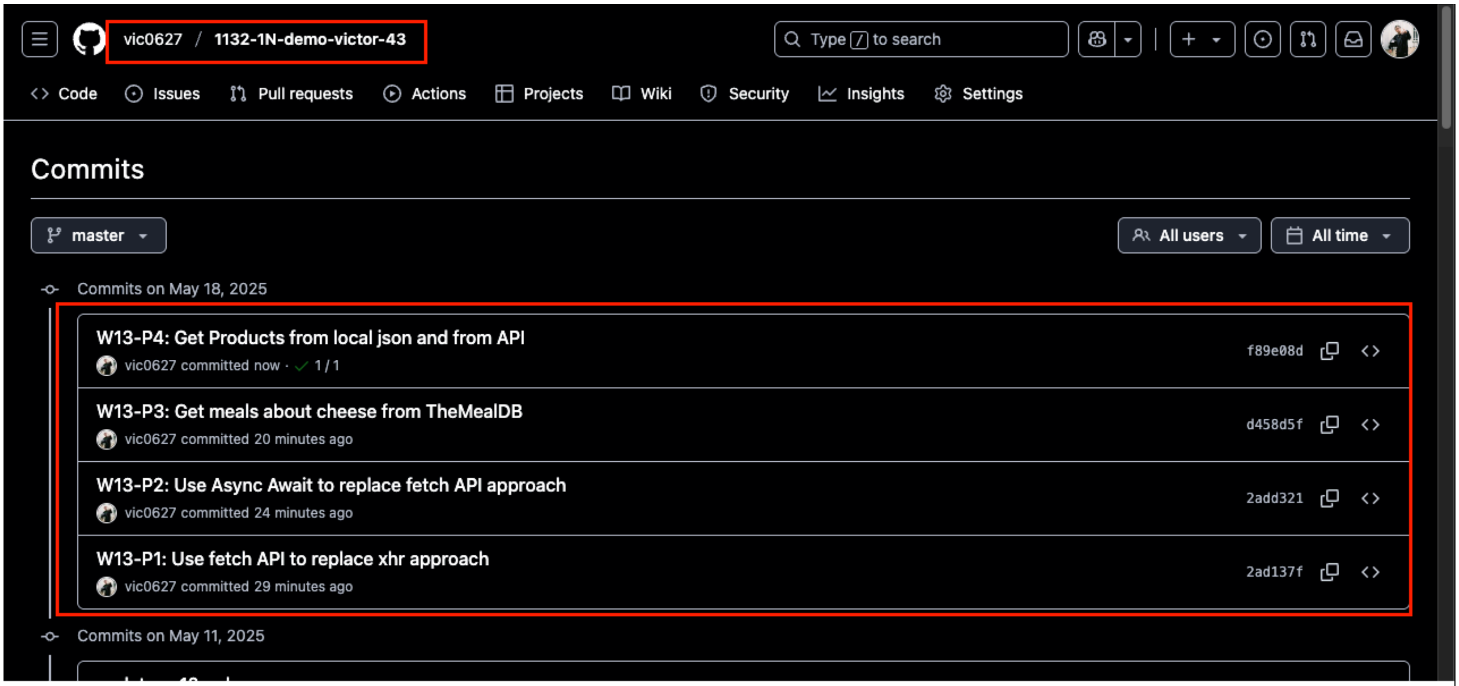
High-Back Bench

$999

```
data                                product_api_43.js:10
  (12) [{…}, {…}, {…}, {…}, {…},
 ▾{…}, {…}, {…}, {…}, {…}, {…},
  {…}] i
  ▾0:
    ▾fields:
      ▸colors: (2) ['#f15025', '#
       company: "ikea"
       featured: true
      ▸image: [{…}]
       name: "high-back bench"
       price: 999
      ▸[[Prototype]]: Object
     id: "rec43w3ipXvP28vog"
    ▸[[Prototype]]: Object
  ▸1: {id: 'rec4f2RIftFCb7aHh',
  ▸2: {id: 'rec8kkCmSiMkbkiko',
  ▸3: {id: 'recBohCqQsot4Q4II',
  ▸4: {id: 'recDG1JRZnbpRHpoy',
  ▸5: {id: 'recNWGyP7kjFhSqw3',
  ▸6: {id: 'recZEougL5bbY4AEx',
  ▸7: {id: 'recjMK1jgTb2ld7sv',
  ▸8: {id: 'recmg2a1ctaEJNZhu',
  ▸9: {id: 'recvKMNR3YFw0bEt3',
  ▸10: {id: 'recxaXFy5IW539sgM',
  ▸11: {id: 'recyqtRglGNGtO4Q5',
   length: 12
  ▸[[Prototype]]: Array(0)
```

```
f89e08d victor_xu       Sun May 18 21:28:49 2025 +0800  W13-P4: Get Products from local
```

W13-logs: git logs of W13



Commits

Commits on May 18, 2025

W13-P4: Get Products from local json and from API
vic0627 committed now · ✓ 1 / 1
f89e08d

W13-P3: Get meals about cheese from TheMealDB
vic0627 committed 20 minutes ago
d458d5f

W13-P2: Use Async Await to replace fetch API approach
vic0627 committed 24 minutes ago
2add321

W13-P1: Use fetch API to replace xhr approach
vic0627 committed 29 minutes ago
2ad137f

Commits on May 11, 2025