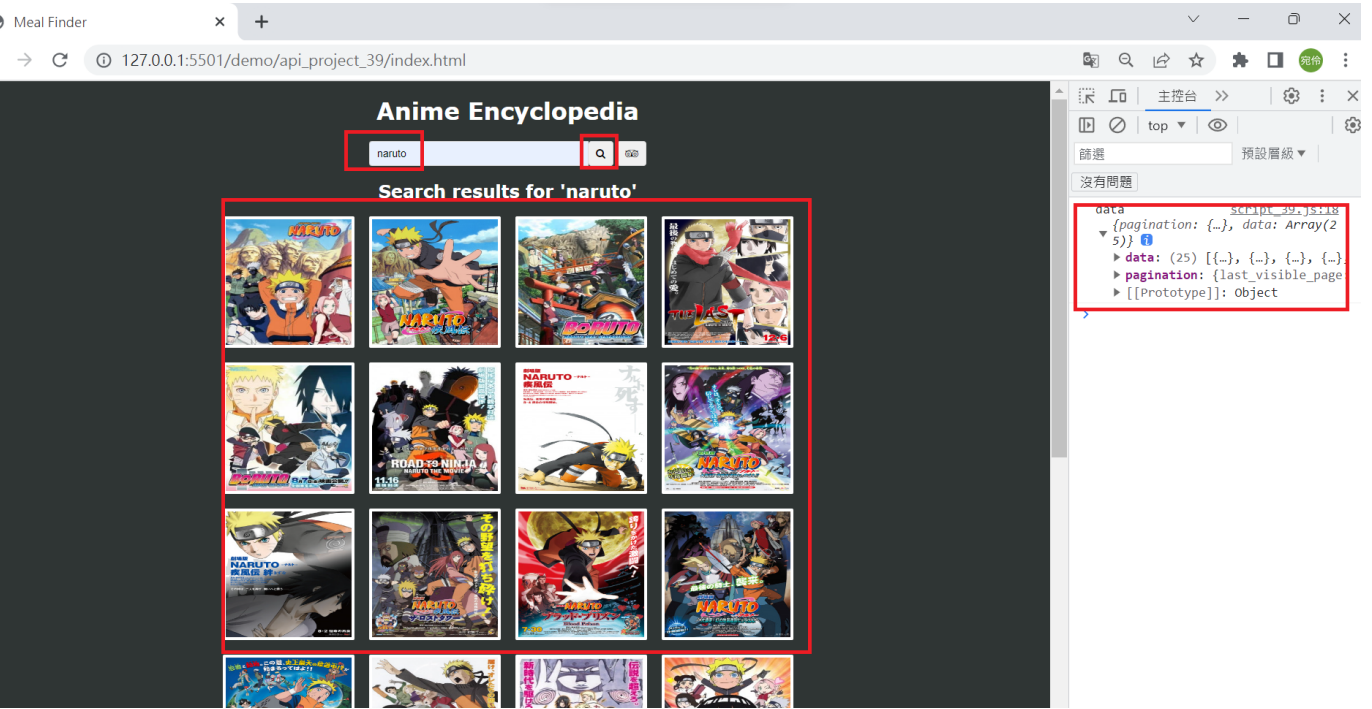


Github URL Vercel URL Vercel api project URL

API project 功能: 功能一: 搜尋關鍵字找動漫 a.參考到的 API 網站來源:(https://jikan.moe/) b.自己的實作過程:參考老師上課的檔案並做修改, 遇到問題上網看影片找答案。



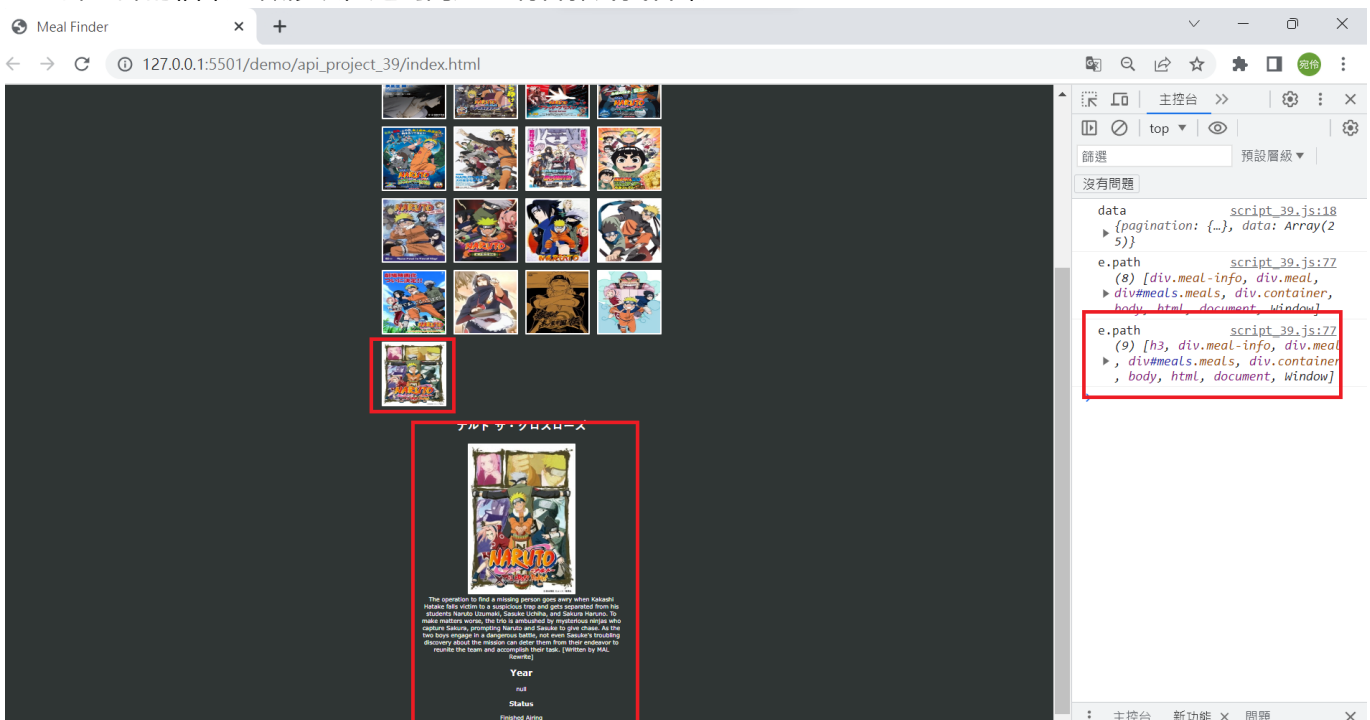
```

demo > api_project_39 > JS script_39.js > ...
1  const search = document.querySelector('#search');
2  const submit = document.querySelector('#submit');
3  const resultHeading = document.querySelector('#result-heading');
4  const mealsF1 = document.querySelector('#meals');
5  const single_mealF1 = document.querySelector('#single-meal');
6  const quiz = document.querySelector('#random');
7  const quizTopic = document.querySelector('#quiz-topic');
8
9
10 const searchMeal = (e) => {
11   e.preventDefault();
12   const term = search.value;
13   //console.log('term'. term);
14   if (term.trim()) {
15     fetch(`https://api.jikan.moe/v4/anime?q=${term}`)
16     .then(response => response.json())/*成功*/
17     .then(data => {
18       console.log('data', data);
19
20       if (data.data === null) {
21         resultHeading.innerHTML = `<P> There are no results, try again</P>`
22       } else {
23         resultHeading.innerHTML = `<h2> Search results for '${term}' </h2>`;
24         mealsF1.innerHTML = data.data.map((anime) => {
25           return `
26             <div class="meal">
27               
28               <div class="meal-info" data-mealid="${anime.mal_id}">
29                 <h3> ${anime.title_japanese}</h3>
30               </div>
31             </div>
32           `
33         }).join('');
34       }
35     }
36   } else {
37     // alert('Please enter a search term');
38   }
39 }
40
41 submit.addEventListener('click', searchMeal);
42
43

```

c.完成能成功搜尋關鍵字找動漫；沒完成搜尋不到資料時，提示訊息沒有變成"搜尋不到資料"

功能二：點搜尋的圖片出現該動漫的概要訊息 a.參考到的 API 網站來源:(<https://jikan.moe/>) b.自己的實作過程:參考老師上課的檔案並做修改，遇到問題上網看影片找答案。



```
demo > api project 39 > JS script_39.js > searchMeal > then() callback
47 const getMealById = (mealID) => {
48   fetch(`https://api.jikan.moe/v4/anime/${mealID}`)
49     .then(resp => resp.json())
50     .then(data => {
51       //console.log('single meal', data);
52       const meal = data.data;
53       addMealToDOM(meal);
54     })
55 }
56
57 const addMealToDOM = (meal) => {
58   single_mealE1.innerHTML = `
59     <div class="single-meal">
60       <h1> ${meal.title_japanese} </h1>
61       
62       <div class = "main"
63         <p>${meal.synopsis}</p>
64         <h2>Year </h2>
65         <ul>
66           ${meal.year}
67         </ul>
68         <h3> Status </h3>
69         <ul>
70           ${meal.status}
71         </ul>
72       </div>
73     `
74   }
75
76   mealsE1.addEventListener('click', e => {
77     console.log('e.path', e.composedPath());
78     const composedPath = e.composedPath();
79     const mealInfo = composedPath.find(item => {
80       if (item.classList) {
81         return item.classList.contains('meal-info');
82       } else {
83         return false;
84       }
85     });
86     if (mealInfo) {
87       //console.log('mealInfo', mealInfo);
88       const mealID = mealInfo.getAttribute('data-mealid'); //getAttribute回傳元素屬性的值
89       getMealById(mealID);
90       //console.log('mealid', mealID);
91     }
```

c.完成能成功顯示訊息

功能三: 問答測驗 a.參考到的 API 網站來源:(https://opentdb.com/api_config.php) b.自己的實作過程:參考老師上課的檔案並做修改, 遇到問題上網看影片找答案。

The screenshot displays a web browser window at the URL `127.0.0.1:5501/demo/api_project_39/index.html`. The page is titled "Anime Encyclopedia" and features a search bar with the number "5" entered. Below the search bar, the heading "5 topics of Anime & Manga" is followed by five quiz questions, each with an "Input your answer" field:

- When was the first episode of Soul Eater released?
- The manga JoJo's Bizarre Adventure is split into how many parts?
- Which of the following manga have the most tankouban volumes?
- Satella in "Re:Zero" is the witch of what?
- In JoJo's Bizarre Adventure, who says "Yare yare daze"?

On the right side of the browser, the developer console shows a log entry for `script_39.js:103` with the following JSON data:

```

{
  "response_code": 0,
  "results": [
    {
      "question": "When was the first episode of Soul Eater released?",
      "answer": "2004"
    },
    {
      "question": "The manga JoJo's Bizarre Adventure is split into how many parts?",
      "answer": "14"
    },
    {
      "question": "Which of the following manga have the most tankouban volumes?",
      "answer": "One Piece"
    },
    {
      "question": "Satella in 'Re:Zero' is the witch of what?",
      "answer": "Magic"
    },
    {
      "question": "In JoJo's Bizarre Adventure, who says 'Yare yare daze'?",
      "answer": "Jotaro Kujo"
    }
  ]
}

```

Below the browser window, the VS Code editor shows the source code for `script_39.js`. The code includes a `playQuiz` function that handles the quiz logic, including fetching data from an API and displaying the results. The function is highlighted with a red box.

```

const playQuiz = (e) => {
  e.preventDefault();
  const term = search.value;
  //console.log('term', term);
  if (term.trim()) {
    fetch(`https://opentdb.com/api.php?amount=${term}&category=31`)
      .then(response => response.json()) /* 成功 */
      .then(data => {
        console.log('quiz data', data);
        resultHeading.innerHTML = `<h2> ${term} topics of Anime & Manga </h2>`;
        quizTopic.innerHTML = data.results.map((topic) => {
          return `
            <h3> ${topic.question}</h3>
            <form class="answerflex">
              <input type="text" id="answer" placeholder="Input your answer"/>
            </form>
          `;
        }).join('');
      })
      .then(() => {
        // alert('Please enter a search term');
      });
  }
}

random.addEventListener('click', playQuiz);

```

c.完成能成出現題目的問題:沒完成讓使用者可以對答案知道正確答案的功能

心得甘苦談: 學習網頁設計也有過一整個學年了, 覺得花蠻多時間在上面, 但是層出不窮的問題一個個都很花時間解決, 有些甚至無法解決, 但是其實我是喜歡找答案的人, 看到東西跑出來的時候會特別高興, 也蠻喜歡每學期都有一個作品的感覺。雖然做的過程遇到很多問題, 加上每天的上班上課, 只有星期日的時間可以拿來使

用，不是太充裕，但最後有學到東西就是一種收穫，我覺得來日方長，放暑假不用上課的時候，有多餘的時間，再繼續研究未完成的部分。