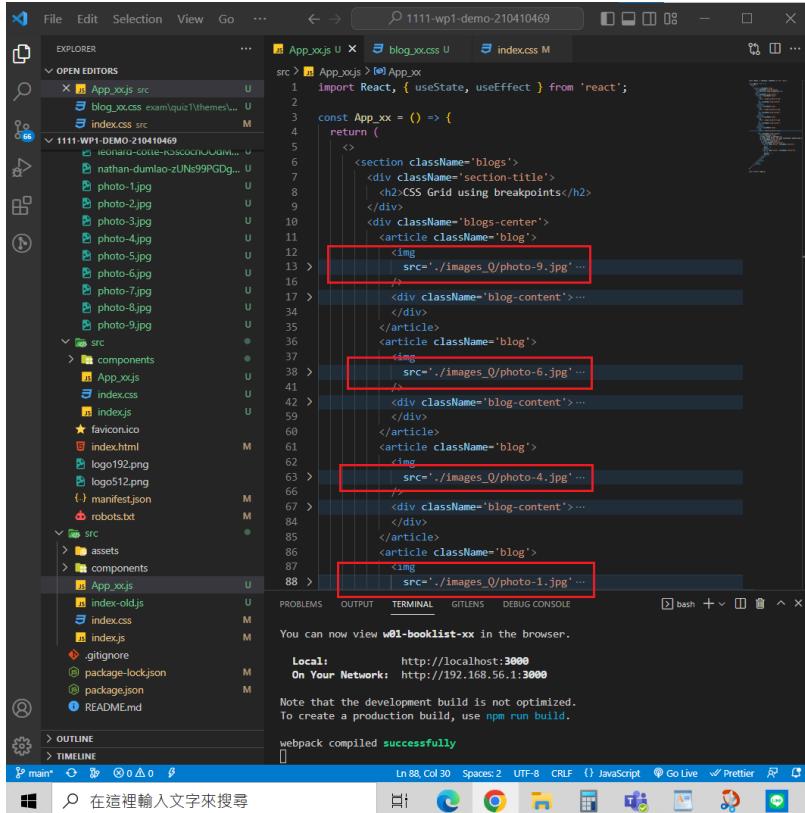


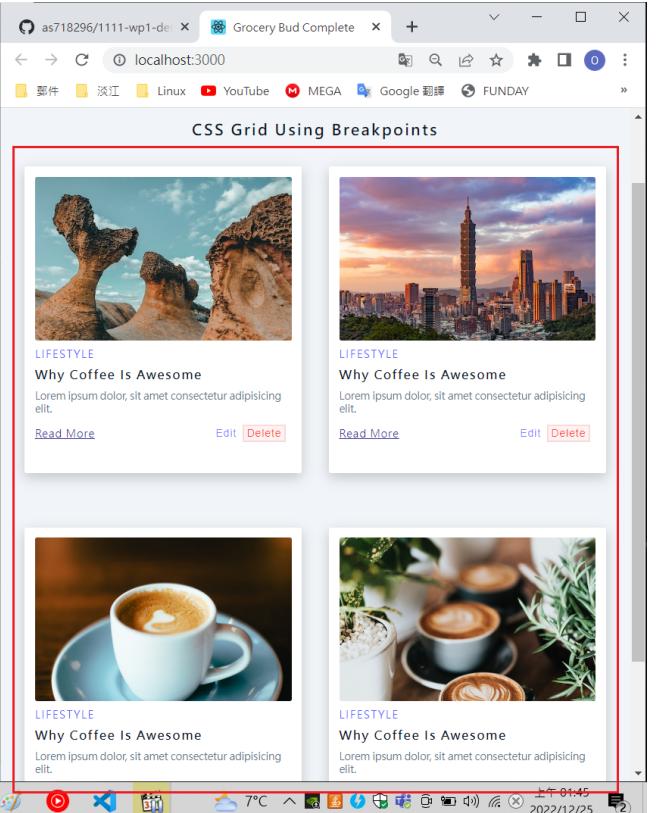
Github URL

W08-P1: a. 依學號從後往前，顯示對應的四筆 blog，結果圖片請參考 w01-p1.png; b. 顯示 filter 過濾按鈕，結果圖片請參考 w03-p1.png



The screenshot shows a code editor with four blog posts listed in a grid. Each post has an image placeholder with a red box around it, indicating the source of the image.

```
const App_xx = () => {
  return (
    <>
      <section className='blogs'>
        <div className='section-title'>
          <h2>CSS Grid using breakpoints</h2>
        </div>
        <div className='blogs-center'>
          <article className='blog'>
            <img src='./images_0/photo-9.jpg' .../>
            <div className='blog-content'>...</div>
          </article>
          <article className='blog'>
            <img src='./images_0/photo-6.jpg' .../>
            <div className='blog-content'>...</div>
          </article>
          <article className='blog'>
            <img src='./images_0/photo-4.jpg' .../>
            <div className='blog-content'>...</div>
          </article>
          <article className='blog'>
            <img src='./images_0/photo-1.jpg' .../>
            <div className='blog-content'>...</div>
          </article>
        </div>
      </section>
    </>
  );
}
```



The browser window displays the four blog posts from the code editor. Each post includes a thumbnail image, a title, a snippet of text, and two buttons: 'Read More' and 'Edit'. The browser interface includes a navigation bar, tabs, and a status bar at the bottom.

```

src > App_xx.js > [e] App_xx
1 import React, { useState, useEffect } from 'react';
2
3 const App_xx = () => {
4   return (
5     <>
6       <section className='blogs'>
7         <div className='section-title'>
8           <h2>CSS Grid using breakpoints</h2>
9         </div>
10        <div className='filter-container'>
11          <button type='button' className='filter-btn' data-id='all'>...
12          <button type='button' className='filter-btn' data-id='lifestyle'>...
13          <button type='button' className='filter-btn' data-id='travel'>...
14        </div>
15        <div className='blogs-center'>
16          <article className='blog'>
17            <img alt='Photo 9' data-src='./images/_photo-9.jpg' ...>
18            <div className='blog-content'>...
19          </article>
20          <article className='blog'>
21            <img alt='Photo 6' data-src='./images/_photo-6.jpg' ...>
22            <div className='blog-content'>...
23          </article>
24        </div>
25      </section>
26    </div>
27  )
28}
29
30 export default App_xx;
31
32

```

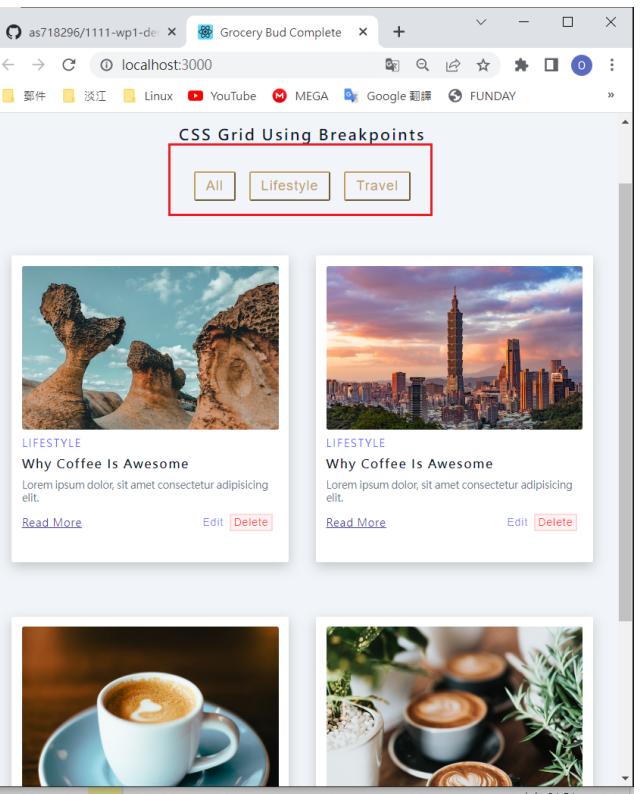
You can now view w01-booklist-xx in the browser.

Local: http://localhost:3000  
On Your Network: http://192.168.56.1:3000

Note that the development build is not optimized. To create a production build, use `npm run build`.

webpack compiled successfully

webpack compiled with 1 warning



## W08-P2: 請將 9 筆 blogs 資訊放入陣列 blogData\_xx.js 中，並能套入第 1 題的 App\_xx.js 中，要能顯示所有的 blogs)

```

src > App_xx.js > [e] App_xx
1 const App_xx = () => {
2   const [blog, setBlogs] = useState(data);
3   console.log('blogs', blog);
4   return (
5     <>
6       <section className='blogs'>
7         <div className='section-title'>
8           <h2>CSS Grid using breakpoints</h2>
9         </div>
10        <div className='filter-container'>
11          <button type='button' className='filter-btn' data-id='all'>...
12          <button type='button' className='filter-btn' data-id='lifestyle'>...
13          <button type='button' className='filter-btn' data-id='travel'>...
14        </div>
15        <div className='blogs-center'>
16          [blog.map((blog) => {
17            You, 1 second ago + Uncommitted changes
18            const { id, img, title, desc, category } = blog;
19            return (
20              <article className='blog'>
21                <img alt='Coffee photo' data-src='./images/_photo-1.jpg' />
22                <div className='blog-content'>
23                  <span>{category}</span>
24                  <h3>{title}</h3>
25                  <p>{desc}</p>
26                  <a href="#">read more</a>
27                  <div className='btn-container'>
28                    <button type='button' className='edit-btn'>...
29                      {` `}
30                      edit{' '}
31                    </button>
32                  </div>
33                </div>
34              </article>
35            )
36          )]
37          <a href="#">read more</a>
38          <div className='btn-container'>
39            <button type='button' className='edit-btn'>...
40              {` `}
41              edit{' '}
42            </button>
43          </div>
44        </div>
45      </section>
46    </div>
47  )
48}
49
50 export default App_xx;
51
52

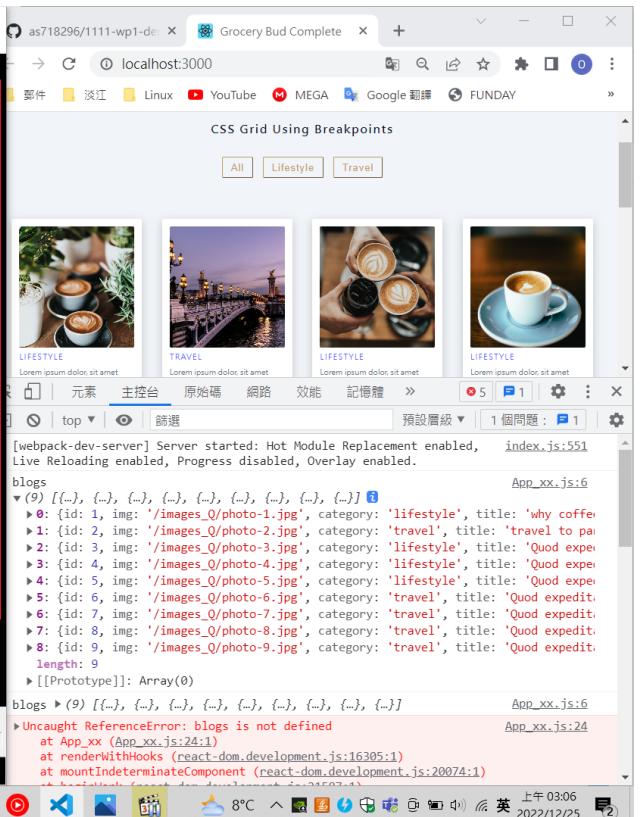
```

You can now view w01-booklist-xx in the browser.

Local: http://localhost:3000  
On Your Network: http://192.168.56.1:3000

Note that the development build is not optimized. To create a production build, use `npm run build`.

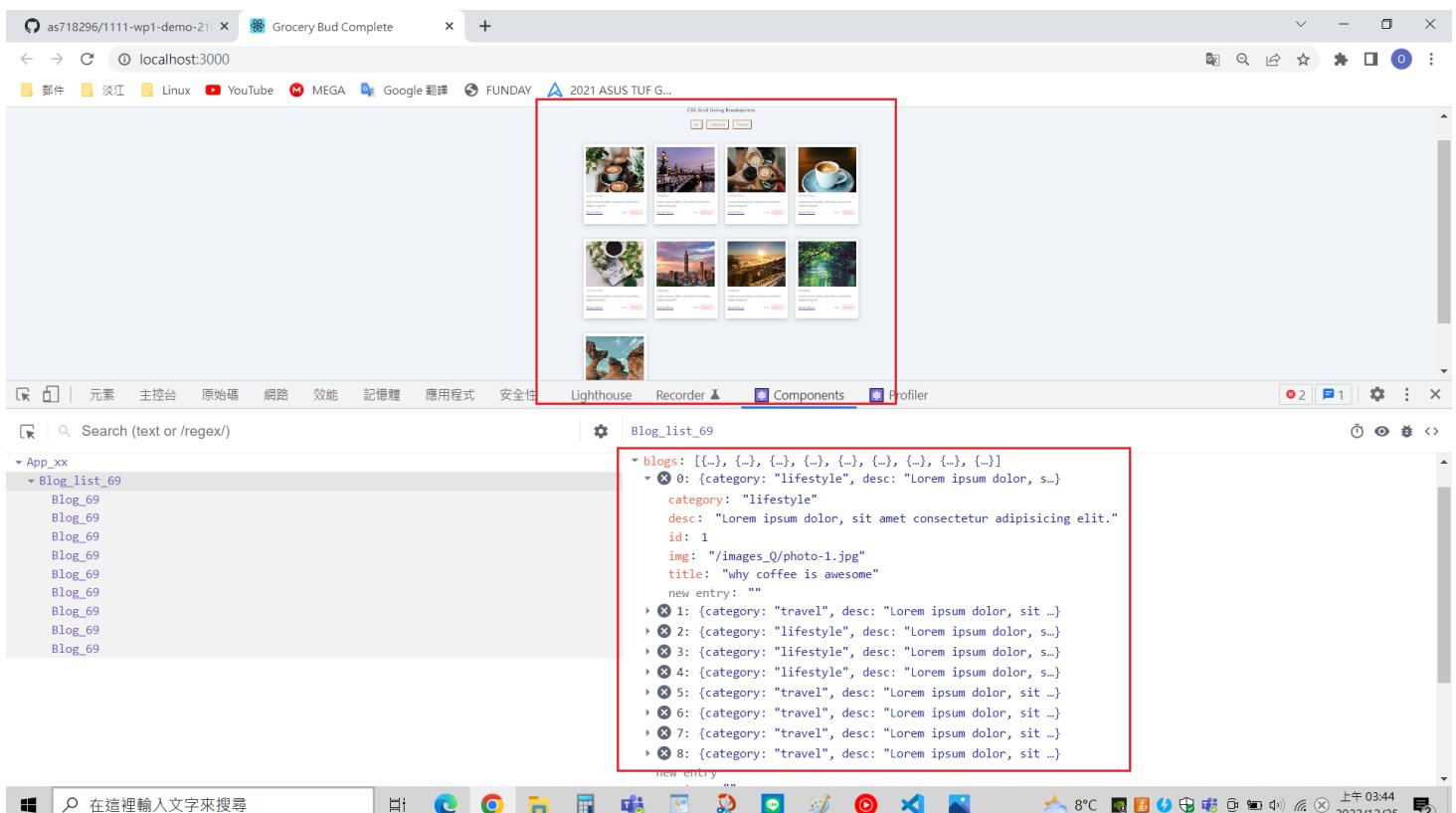
webpack compiled successfully



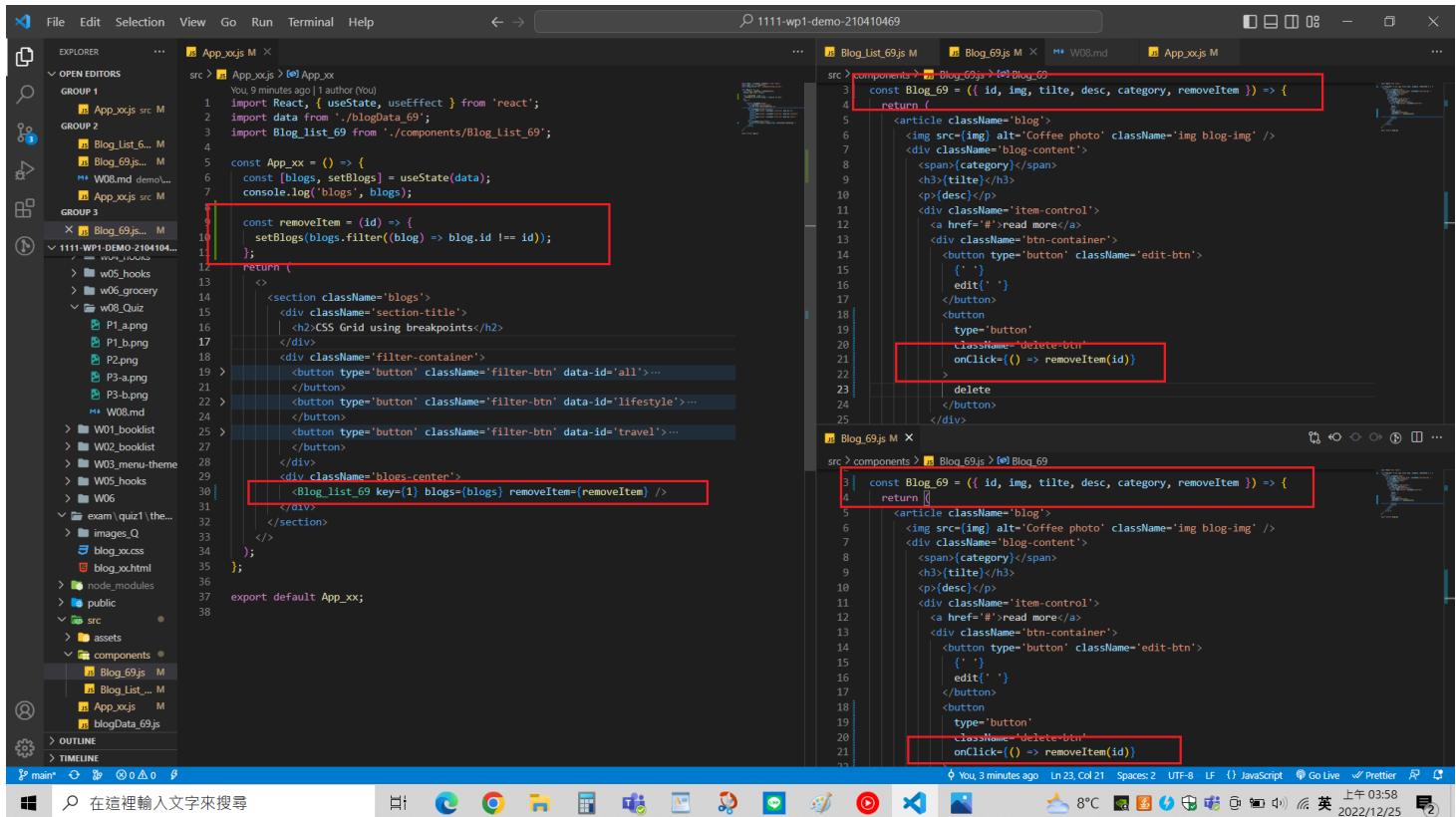
# W08-P3: 建立 components 目錄，並將陣列內的 9 筆 blogs 放入 BlogList\_xx.js 與 Blog\_xx.js 中

```
Blog_List_69.js
src > components > Blog_List_69.js > (default)
1 import React from 'react';
2 import Blog_69 from './Blog_69';
3
4 const Blog_list_69 = ({ blogs }) => {
5   return (
6     <div className='blogs-center'>
7       {blogs.map((blog) => {
8         const { id, img, title, desc, category } = blog;
9         return (
10           <Blog_69
11             id={id}
12             img={img}
13             title={title}
14             desc={desc}
15             category={category}
16           />
17         );
18       })}
19     </div>
20   );
21 }
22
23 export default Blog_list_69;
24
```

```
Blog_69.js
src > components > Blog_69.js > (Blog_69)
1 import React from 'react';
2
3 const Blog_69 = ({ id, img, title, desc, category }) => {
4   return (
5     <article className='blog'>
6       <img src={img} alt='coffee photo' className='img blog-img' />
7       <div className='blog-content'>
8         <span>{category}</span>
9         <h3>{title}</h3>
10        <p>{desc}</p>
11        <div className='item-control'>
12          <a href="#">read more</a>
13        </div>
14        <div className='btn-container'>
15          <button type='button' className='edit-btn'>{' '}</button>
16          <button type='button' className='delete-btn'>{' '}</button>
17        </div>
18      </div>
19    </article>
20  );
21 }
22
23 export default Blog_69;
24
```



# W08-P4: 實作 Delete 按鈕，能夠刪除一筆 blog。結果圖片請參考 w06-p3.png，請明確列出相關的 code 與對應的結果圖片，不需要實作 local storage，要透過 Chrome DevTool 之 React components 來顯示



```
App_xxjs.js (Line 12-13):
  const removeItem = (id) => {
    setBlogs(blogs.filter((blog) => blog.id !== id));
  };

Blog_List_69.js (Line 22-23):
  <button type='button' onClick={() => removeItem(id)}> delete </button>

Blog_69.js (Line 21-22):
  <button type='button' onClick={() => removeItem(id)}> delete </button>
```

# W08-P5: 實作 Clear All Blogs 按鈕，能夠刪除所有 blogs

The screenshot shows a code editor (VS Code) and a browser window side-by-side.

**Code Editor (Left):**

- File: App\_xxjs M
- Content: React component code for 'App\_xx'. It includes methods for removing items from a state array and clearing the entire array. A button labeled 'clear all blogs' is highlighted with a red box.
- Terminal: Shows the command 'npm run build' and the message 'Compiled successfully! You can now view w01-booklist-xx in the browser.'

**Browser (Right):**

- Title: Grocery Bud Complete
- URL: localhost:3000
- Content: A grid of cards with coffee-related images and descriptions. A red box highlights the 'Clear All Blogs' button at the bottom right of the grid area.

# W08-P6: 實作 filter 功能

The screenshot shows a code editor (VS Code) and a browser window side-by-side.

**Code Editor (Left):**

- File: W08.md
- Content: React component code for 'App\_xx'. It includes a 'filterItem' function that filters data based on a category ('all', 'lifestyle', or 'travel'). Buttons for these categories are highlighted with a red box.

**Browser (Right):**

- Title: Grocery Bud Complete
- URL: localhost:3000
- Content: A grid of cards with coffee-related images and descriptions. A red box highlights the 'Lifestyle' category filter button.

# W08-P7: 實作 Alert\_xx.js，能夠顯示第 4 題 Delete 及第 5 題 Clear All Blogs 的訊息，顏色都是 danger 的紅色。

The screenshot shows the VS Code interface with the file `Alert_xx.js` open. Several sections of the code are highlighted with red boxes:

- Line 13: `const [blogs, setBlogs] = useState({ show: false, msg: '', type: '' })`
- Line 18: `const showAlert = (show = false, msg = '', type = '') => { setAlert({ show, msg, type }) }`
- Line 21: `const removeItem = (id) => { showAlert(true, 'blog removed', 'danger'); setBlogs(blogs.filter(blog) => blog.id !== id); }`
- Line 25: `const clearBlogs = () => { showAlert(true, 'empty all blogs', 'danger'); setBlogs([]); }`
- Line 40: `<div className="filter-container">` (inside a section highlighted by a red box)
- Line 41: `<button onClick={removeItem}>Remove</button>` (inside the same red box)

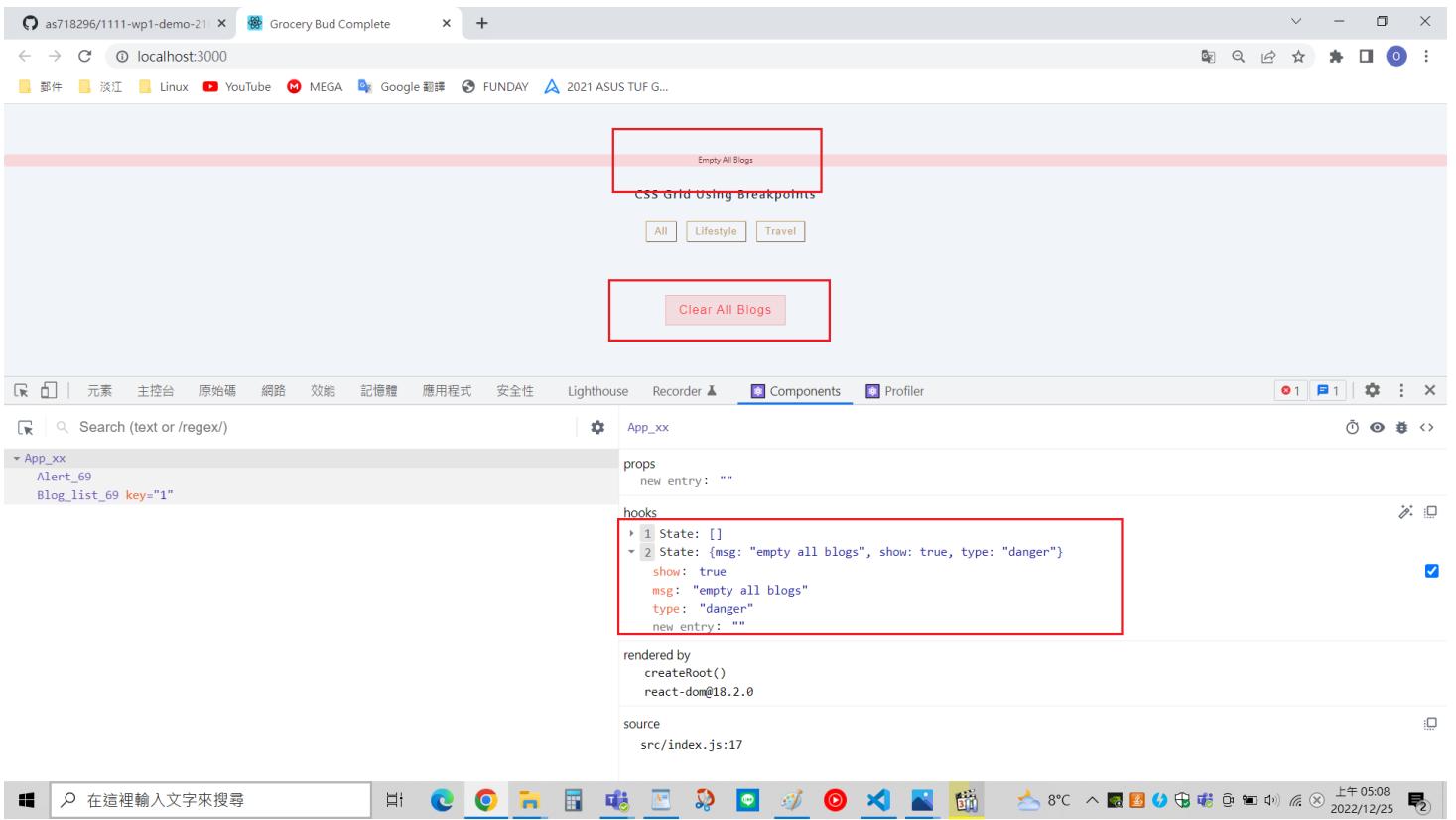
The status bar at the bottom indicates "You, 1 second ago Ln 25, Col 37 Spaces: 2 UTF-8 CRLF JavaScript Go Live Prettier" and the date "2022/12/25".

The screenshot shows a browser window displaying a blog grid. A red box highlights a message "Blog Removed" at the top of the grid.

Below the grid, the developer tools are open, specifically the Components tab. It shows the state of the component `App_xx`. A red box highlights the state object in the `hooks` section:

```
State: {msg: "blog removed", show: true, type: "danger"}  
show: true  
msg: "blog removed"  
type: "danger"
```

The browser status bar at the bottom shows "上午 05:06 2022/12/25".



## W08-logs: show all four logs done today

