

# 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 篩選按鈕，結果圖片請參考 w03-p1.png

Code Screenshot:

```

src > App_xx.js
  You, 5 minutes ago | 3 authors (You and others)
  import React, { useState, useEffect } from 'react';

  const App_xx = () => {
    return (
      <>
        <section className='blogs'>
          <div className='section-title'>...
        </div>
        <div className='filter-container'>...
        </div>
        <div className='blogs-center'>
          <article className='blog'>
            <img
              src='/images/photo-1.jpg'
              alt='Coffee photo'
              className='img blog-img'
            />
            <div className='blog-content'>...
          </article>
          <article className='blog'>...
          </article>
          <article className='blog'>...
          </article>
          <article className='blog'>...
          </article>
        </div>
      </section>
    );
  };

  export default App_xx;
  
```

Terminal Screenshot:

```

webpack compiled with 1 warning
  
```

Browser Screenshot (localhost:3000):

Code Screenshot:

```

src > App_xx.js
  You, 4 seconds ago | 3 authors (You and others)
  import React, { useState, useEffect } from 'react';

  const App_xx = () => {
    return (
      <>
        <section className='blogs'>
          <div className='section-title'>...
        </div>
        <div className='filter-container'>
          <button type='button' className='filter-btn'>all</button>
          <button type='button' className='filter-btn'>lifestyle</button>
          <button type='button' className='filter-btn'>travel</button>
        </div>
        <div className='blogs-center'>...
        </div>
      </section>
    );
  };

  export default App_xx;
  
```

Browser Screenshot (localhost:3000):

**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**

App\_xx.js

```

1 import React, { useState, useEffect } from 'react';
2 import data from './blogData_64';
3
4 const App_xx = () => {
5   const [blogs, setBlogs] = useState(data);
6   console.log('blogs', blogs);
7   return [
8     <>
9       <section className='blogs'>
10         <div className='section-title'>
11           <h2>CSS Grid using breakpoints</h2>
12         </div>
13         <div className='filter-container'>
14           <button type='button' className='filter-btn'>all</button>
15           <button type='button' className='filter-btn'>lifestyle</button>
16           <button type='button' className='filter-btn'>travel</button>
17         </div>
18         <div className='blogs-center'>
19           {blogs.map((blog) => {
20             const { id, img, title, desc, category } = blog;
21             return (
22               <article className='blog'>
23                 <img src={img} alt='Coffee photo' className='img blog-img' />
24                 <div className='blog-content'>
25                   <span>{category}</span>
26                   <h3>{title}</h3>
27                   <p>{desc}</p>
28                   <div className='item-control'>
29                     <a href="#">read more</a>
30                     <div className='btn-container'>
31                       <button type='button' className='delete-btn'>
32                         <span>Delete</span>
33                       </button>
34                     </div>
35                   </div>
36                 </div>
37               </article>
38             );
39           )}
39         </div>
40       </section>
41     </>
42   ];
43 }
44
45 export default App_xx;

```

iClass

localhost:3000

LIFESTYLE

Why Coffee Is Awesome

Travel To Paris

Read More Delete

TRAVEL

blogs

```

blogs: Array(9)
  0: {id: 1, img: "/images/photo-1.jpg", category: "LIFESTYLE", title: "Why Coffee Is Awesome", desc: "Lorem ipsum dolor, sit amet consectetur adipiscing elit.", control: {…}}
  1: {id: 2, img: "/images/photo-2.jpg", category: "LIFESTYLE", title: "Travel To Paris", desc: "Lorem ipsum dolor, sit amet consectetur adipiscing elit.", control: {…}}
  2: {id: 3, img: "/images/photo-3.jpg", category: "TRAVEL", title: "Travel To Paris", desc: "Lorem ipsum dolor, sit amet consectetur adipiscing elit.", control: {…}}
  3: {id: 4, img: "/images/photo-4.jpg", category: "LIFESTYLE", title: "Why Coffee Is Awesome", desc: "Lorem ipsum dolor, sit amet consectetur adipiscing elit.", control: {…}}
  4: {id: 5, img: "/images/photo-5.jpg", category: "LIFESTYLE", title: "Travel To Paris", desc: "Lorem ipsum dolor, sit amet consectetur adipiscing elit.", control: {…}}
  5: {id: 6, img: "/images/photo-6.jpg", category: "LIFESTYLE", title: "Why Coffee Is Awesome", desc: "Lorem ipsum dolor, sit amet consectetur adipiscing elit.", control: {…}}
  6: {id: 7, img: "/images/photo-7.jpg", category: "LIFESTYLE", title: "Travel To Paris", desc: "Lorem ipsum dolor, sit amet consectetur adipiscing elit.", control: {…}}
  7: {id: 8, img: "/images/photo-8.jpg", category: "LIFESTYLE", title: "Why Coffee Is Awesome", desc: "Lorem ipsum dolor, sit amet consectetur adipiscing elit.", control: {…}}
  8: {id: 9, img: "/images/photo-9.jpg", category: "LIFESTYLE", title: "Travel To Paris", desc: "Lorem ipsum dolor, sit amet consectetur adipiscing elit.", control: {…}}

```

## 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

File Edit Selection View Go Run terminal Help

BlogList\_64.js

```

1 import React from 'react';
2 import Blog_64 from "./Blog_64";
3
4 const BlogList_64 = ({blogs}) => {
5   return [
6     <div className='blogs-center'>
7       {blogs.map((blog) => {
8         const { id, img, title, desc, category } = blog;
9         return (
10           <Blog_64 id={id} img={img}
11             title={title} desc={desc}
12             category={category}/>
13         );
14       })
15     </div>
16   ];
17 }
18
19 export default BlogList_64;

```

Blog\_64.js

```

1 import React from 'react';
2
3 const Blog_64 = ({ 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 className='btn-container'>
14            <button type='button' className='delete-btn'>
15              <span>Delete</span>
16            </button>
17          </div>
18        </div>
19      </div>
20    </article>
21  );
22 }
23
24 export default Blog_64;

```

TERMINAL

Line 11:15: Imported JSX component Blog\_64 must be in PascalCase or SCREAMING\_SNAKE\_CASE react/jsx-pascal-case

webpack compiled with 1 warning

The screenshot shows a web browser window with multiple tabs open. The active tab is titled 'Grocery Bud Complete'. The main content area displays a grid of blog posts. Each post card includes an image, a category label (LIFESTYLE or TRAVEL), a title, a subtitle, a brief description, and two buttons: 'Read More' and 'Delete'. The right side of the screen shows the Chrome DevTools sidebar, which is currently focused on the 'Components' tab. A search bar at the top of the sidebar is set to 'Search (text or /regex)'. Below it, a tree view shows the structure of the page, with a node 'BlogList\_64 key="1"' highlighted with a pink box. The bottom section of the DevTools sidebar shows a list of properties for this node, with several items expanded to show their values.

**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**

The screenshot shows the Visual Studio Code interface with three tabs open:

- App\_xx.js**: Contains the main application logic. It imports React and useState/useEffect from 'react'. It imports data from './BlogData\_64' and BlogList\_64 from './components/BlogList\_64'. It defines a functional component App\_xx that sets up state for blogs and a removeItem function. It then renders a section with a heading and a blog list component.
- BlogList\_64.js**: A functional component that receives blogs and a removeItem function as props. It maps over the blogs to render individual blog components.
- Blog\_64.js**: A functional component that receives id, img, title, desc, category, and removeItem as props. It returns an article element containing the blog details and an item-control button that triggers the removeItem function.

Annotations with red boxes highlight the following parts of the code:

- A box around the removeItem function definition in App\_xx.js and its usage in BlogList\_64.js.
- A box around the blog list rendering in BlogList\_64.js.
- A box around the item-control button in Blog\_64.js.

At the bottom, the terminal shows a warning from webpack.

```
File Edit Selection View Go Run Terminal Help
Blog_64.js - 1111-wp1-demo-id - Visual Studio Code

App_xx.js M X BlogList_64.js U Blog_64.js U w08_xx-md U

src > App_xx.js > (o) App_xx > (o) removeItem
  You 5 minutes ago | 3 authors (You and others)
  1 import React, { useState, useEffect } from 'react';
  2 import data from './BlogData_64';
  3 import BlogList_64 from './components/BlogList_64';
  4
  5 const App_xx = () => {
  6   const [blogs, setBlogs] = useState(data);
  7   console.log('blogs', blogs);
  8
  9   const removeItem = (id) => {
 10     setBlogs(blogs.filter((blog) => blog.id !== id));
 11   }
 12
 13   return (
 14     <>
 15       <section className='blogs'>
 16         <div className='section-title'>
 17           <h2>CSS Grid using breakpoints</h2>
 18         </div>
 19         <div className='filter-container'>...
 20         <div className='blogs-center'>
 21           <BlogList_64 key={1} blogs={blogs} removeItem={removeItem}/>
 22         </div>
 23       </section>
 24     </>
 25   );
 26 }
 27
 28 export default App_xx;
 29
 30
 31
 32
 33

src > components > (o) BlogList_64 > (o) removeItem
  1 import React from "react";
  2 import Blog_64 from "./Blog_64";
  3
  4 const BlogList_64 = ({blogs, removeItem}) => {
  5
  6   return (
  7     <div className="blogs-center">
  8       {blogs.map((blog) => {
  9         const { id, img, title, desc, category } = blog;
 10         return (
 11           <Blog_64 id={id} img={img}
 12             title={title} desc={desc}
 13             category={category} removeItem={removeItem}>
 14           </Blog_64>
 15         );
 16       })
 17     </div>
 18   );
 19 }

src > components > (o) Blog_64
  1 import React from 'react';
  2
  3 const Blog_64 = ({ id, img, title, desc, category, removeItem }) => {
  4
  5   return (
  6     <article className='blog'>
  7       <img src={img}
  8             alt='Coffee photo'
  9             className='img blog-img'
 10       />
 11       <div className='blog-content'>
 12         <span>{category}</span>
 13         <h3>{title}</h3>
 14         <p>{desc}</p>
 15         <div className='item-control'>
 16           <a href="#">read more</a>
 17           <div className='btn-container'>
 18             <button type='button' className='delete-btn'
 19               onClick={ ( ) => removeItem(id)}>delete</button>
 20           </div>
 21         </div>
 22       </div>
 23     </article>
 24   );
 25 }

TERMINAL GITLENS JUPYTER PROBLEMS OUTPUT DEBUG CONSOLE
webpack compiled with 1 warning
```

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

```

src > App_xx.js > [e] App_xx
You, 2 minutes ago | 3 authors (You and others)
1 import React, { useState, useEffect } from 'react';
2 import data from './blogData_64';
3 import BlogList_64 from './components/BlogList_64';
4
5 const App_xx = () => {
6   const [blogs, setBlogs] = useState(data);
7   console.log('blogs', blogs);
8
9   const removeItem = (id) => {
10     setBlogs(blogs.filter((blog) => blog.id !== id));
11   }
12
13   const clearBlogs = () => {
14     setBlogs([]);
15   }
16
17   return (
18     <>
19       <section className='blogs'>
20         <div className='section-title'> YOU, 2 minutes ago + Uncom...
21         | <h2>CSS Grid using breakpoints</h2>
22       </div>
23       <div className='filter-container'> ...
24       <div className='blogs-center'>
25         <BlogList_64 key={1} blogs={blogs} removeItem={removeItem}>
26       </div>
27       <button class='clear-btn' onClick={clearBlogs}>
28         clear all blogs
29       </button>
30     </section>
31   );
32 }
33
34
35
36

```

CSS Grid Using Breakpoints

All Lifestyle Travel

Clear All Blogs

App\_xx

props new entry: ""

hooks

1 State: []

rendered by createRoot() react-dom@18.2.0

source src/index.js:17

## W08-P6: 實作 filter 功能

```

File Edit Selection View Go Run ... App_xx.js - 1111-wp1-demo-id - Visu... | 08
OPEN EDITORS
src > App_xx.js > [e] App_xx
10   setBlogs(blogs.filter((blog) => blog.id !== id));
11 }
12
13 const clearBlogs = () => {
14   setBlogs([]);
15 }
16
17 const filterItems = (category) => {
18   if (category === 'all') {
19     setBlogs(data);
20   } else {
21     const newBlogs = data.filter((blog) => blog.category === category);
22     setBlogs(newBlogs);
23   }
24 }
25
26
27 return (
28   <>
29     <section className='blogs'>
30       <div className='section-title'> <h2>CSS Grid using breakpoints</h2>
31     </div>
32     <div className='filter-container'> ...
33       <button type='button' className='filter-btn' onClick={() => filterItems('all')}>all</button>
34       <button type='button' className='filter-btn' onClick={() => filterItems('lifestyle')}>lifestyle</button>
35       <button type='button' className='filter-btn' onClick={() => filterItems('travel')}>travel</button>
36     </div>
37     <div className='blogs-center'> ...
38   </div>
39   <button class='clear-btn' onClick={clearBlogs}>
40     clear all blogs
41   </button>
42 </div>
43 </div>
44 <button class='clear-btn' onClick={clearBlogs}>
45   clear all blogs
46 </button>
47 </div>
48 </div>
49 </div>
50

```

CSS Grid Using Breakpoints

All Lifestyle Travel

LIFESTYLE

Why Coffee Is Awesome

Quod Expedita Quam Facere

Read More Delete

App\_xx

props new entry: ""

Collaps prop value

1 State: [{...}, {...}, {...}]

↳ X 0: {category: "lifestyle", desc: "L..."}  
↳ X 1: {category: "lifestyle", desc: "L..."}  
↳ X 2: {category: "lifestyle", desc: "L..."}  
↳ X 3: {category: "lifestyle", desc: "L..."}

new entry

rendered by createRoot() react-dom@18.2.0

source src/index.js:17

Video

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。

File Edit Selection View Go Run Terminal Help

EXPLORER

GROUP 1

- App\_xxjs src
- Blog\_64.js src\components\Blog\_64.js
- w08\_64.md demo\md\w08\_64.md

GROUP 2

- App\_xxjs src

1111-WP1-DEMO-ID

- w06\_grocery
- public
- src
- components
- Alert\_64.js
- List\_64.js
- App\_xxjs
- index.css
- .env
- .gitignore
- package-lock.json
- package.json
- README.md
- exams
- node\_modules
- public
- src
- components
- Alert\_64.js
- Blog\_64.js
- BlogList\_64.js
- App\_xxjs
- BlogData\_64.js
- index-old.js
- index.css
- index.js

App\_xxjs M

Blog\_64.js U

w08\_64.md U

```
You 3 minutes ago | 3 authors (You and others)
1 import React, { useState, useEffect } from 'react';
2 import data from './blogData_64';
3 import Alert_64 from './components/Alert_64';
4 import BlogList_64 from './components/BlogList_64';
5
6 const App_xx = () => {
7   const [blogs, setBlogs] = useState(data);
8   const [alert, setAlert] = useState({
9     show: false,
10    msg: '',
11    type: ''
12  });
13
14  const showAlert = (show = false, msg = '', type = '') => {
15    setAlert({ show, msg, type });
16  };
17
18  console.log('blogs', blogs);
19
20  const removeItem = (id) => {
21    showAlert(true, 'blog removed', 'danger');
22    setBlogs(blogs.filter((blog) => blog.id !== id));
23  }
24
25  const clearBlogs = () => {
26    showAlert(true, 'empty all blogs', 'danger');
27    setBlogs([]);
28  }
29
30  const filterItems = (category) => {
31
32    return (
33      <>
34        <section className='blogs'>
35          <alert.show && Alert_64 {...alert} removeAlert={showAlert} />
36          <h2>CSS Grid Using Breakpoints</h2>
37          <div className='filter-container'>
38            <button type='button' className='filter-btn' onClick={() => filterItems('all')}>all</button>
39            <button type='button' className='filter-btn' onClick={() => filterItems('lifestyle')}>lifestyle</button>
40            <button type='button' className='filter-btn' onClick={() => filterItems('travel')}>travel</button>
41          </div>
42          <div className='blogs-center'>...
43            <button class='clear-btn' onClick={clearBlogs}>
44              clear all blogs
45            </button>
46          </div>
47        </section>
48      </>
49    );
50  };
51
52  export default App_xx;
```

TERMINAL JITLENS JUPYTER PROBLEMS OUTPUT DEBUG CONSOLE

webpack compiled with 1 warning

localhost:3000

Blog Removed

### CSS Grid Using Breakpoints

All Lifestyle Travel



TRAVEL

Travel To Paris

Lorem ipsum dolor, sit amet consectetur adipisicing elit.

[Read More](#)

[Delete](#)



LIFESTYLE

Quod Expedita Quam Facere

Lorem ipsum dolor, sit amet consectetur adipisicing elit.

[Read More](#)

[Delete](#)



LIFESTYLE

Quod Expedita Quam Facere

Lorem ipsum dolor, sit amet consectetur adipisicing elit.

[Read More](#)

[Delete](#)



LIFESTYLE

Quod Expedita Quam Facere

Lorem ipsum dolor, sit amet consectetur adipisicing elit.

[Read More](#)

[Delete](#)

DevTools is now available in Chinese!

Always match Chrome's language

Switch DevTools to Chinese Don't show again

App\_xx

Alert\_64

- Bloglist\_64 key="1"
- Blog\_64 key="2"
- Blog\_64 key="3"
- Blog\_64 key="4"
- Blog\_64 key="5"
- Blog\_64 key="6"
- Blog\_64 key="7"
- Blog\_64 key="8"
- Blog\_64 key="9"

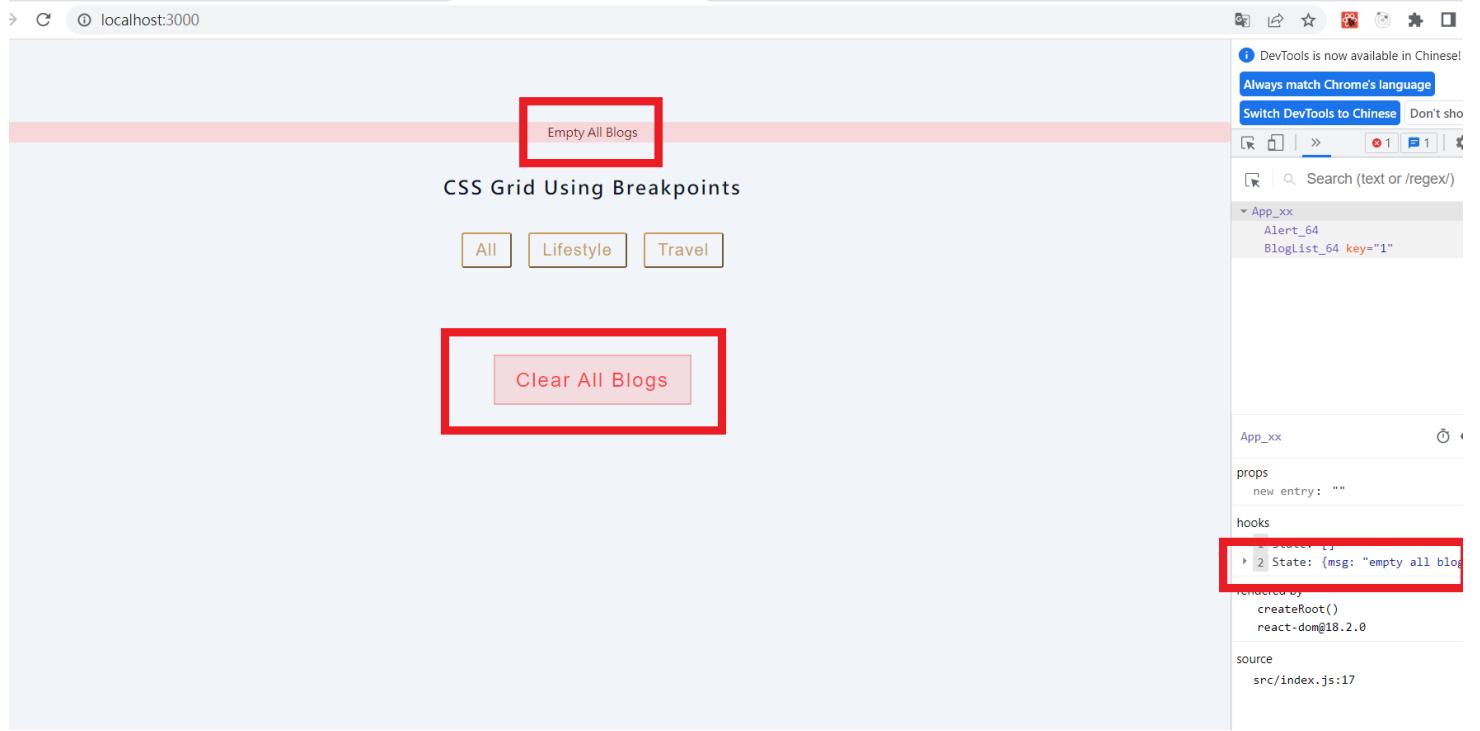
App\_xx

props new entry: ""

looks

- 1 State: [(..., ..., ..., ..., ..., ...]
- 2 State: {msg: "blog removed", show: ...}

rendered by ..



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

```
webpack compiled with 1 warning

User@E201-60 MINGW64 /d/1111-wp1-demo-id (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-10-25"

User@E201-60 MINGW64 /d/1111-wp1-demo-id (main)
$ |
```