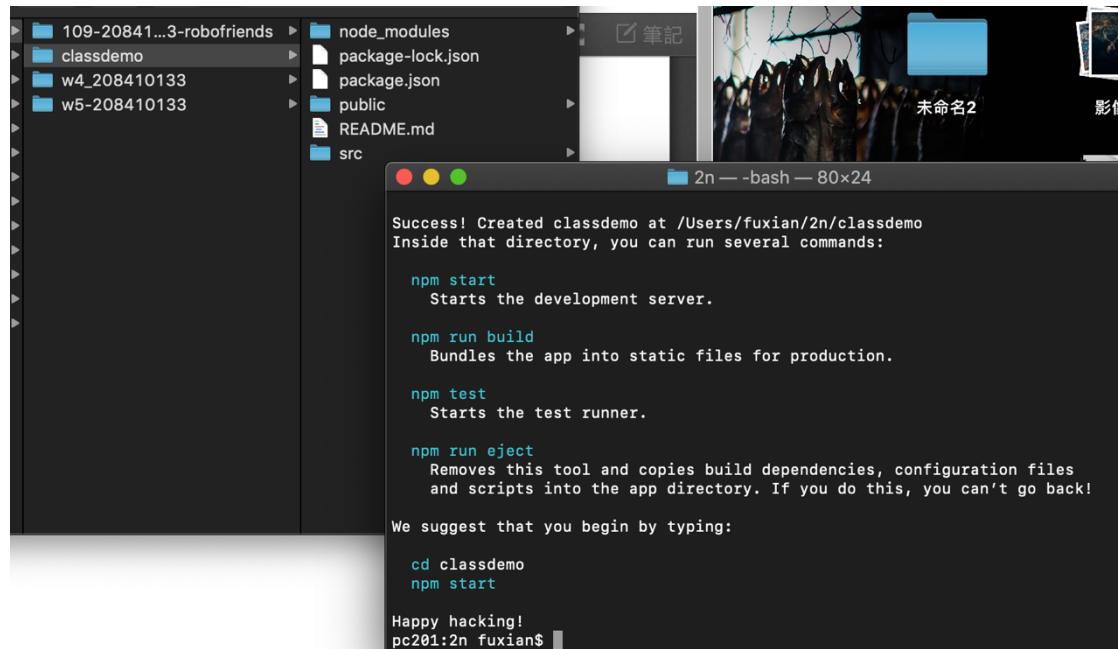
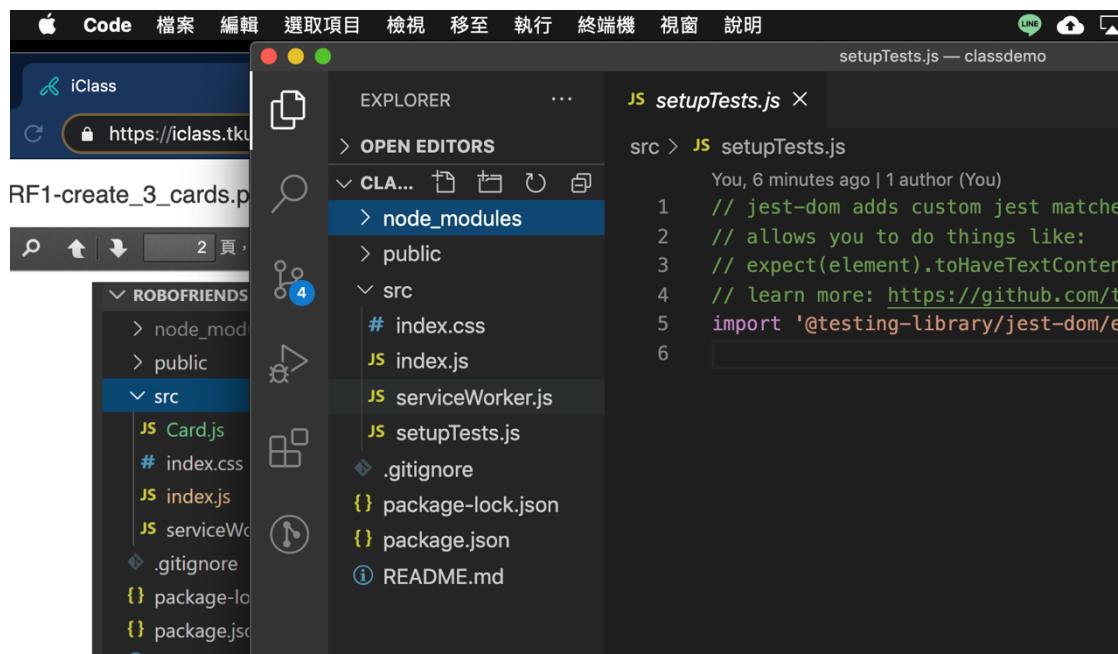


1.建立檔案



2.刪除多餘的檔案



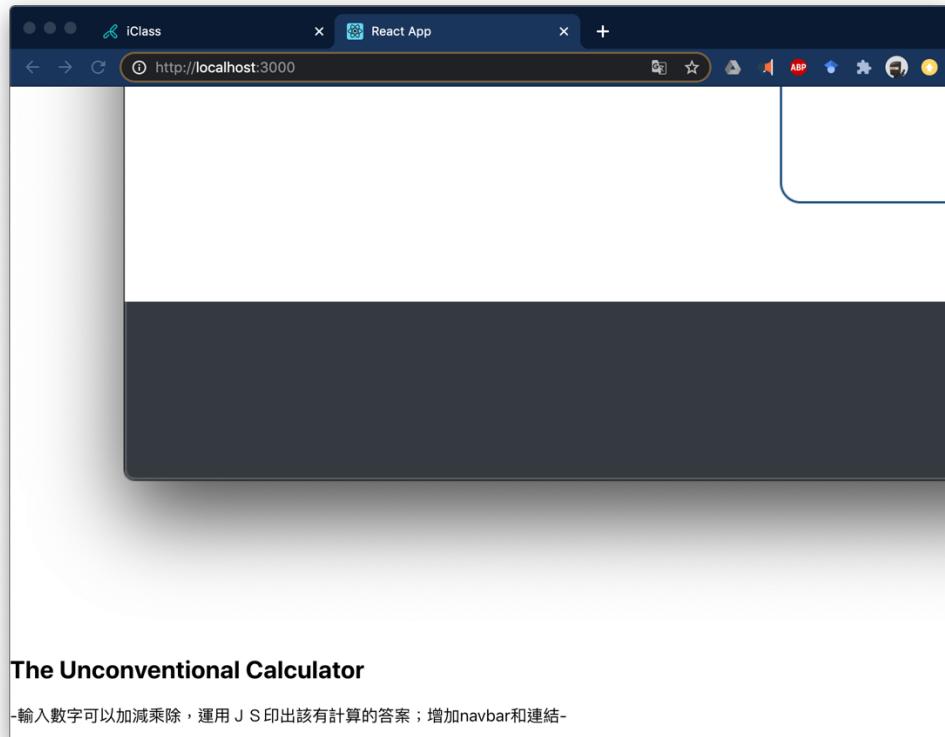
3.加入圖片和 Card_33.js 檔，確認可以顯示

The screenshot shows the VS Code interface with the following details:

- Explorer View:** Shows the project structure with a tree view of files and folders.
- Editor View:** Displays the `Card_33.js` file content:

```
1 import React from 'react'
2
3 export const Card_33 = () => {
4     return (
5         <div>
6             
7             <h2>The Unconventional Calculator</h2>
8             <p>-輸入數字可以加減乘除，運用 JS 印出該有計算的答案；增加navbar和連結-</p>
9         </div>
10    )
11
12    export default Card_33;
```
- Terminal View:** Shows the command `./src/index.js` being run, resulting in an ESLint warning:

```
Line 9:5: Imported JSX component Card_33 must be in PascalCase or SCREAMING_SNAKE_CASE react/jsx-pascal-case
```
- Bottom Status Bar:** Shows the current file is `Card_33.js`, spaces used are 4, encoding is UTF-8, line separator is LF, and the language is JavaScript.



4. \$ sudo npm i tachyons

The screenshot shows a code editor interface with two tabs: 'Card_33.js' and 'index.js'. The 'index.js' tab is active, displaying the following code:

```
You, a few seconds ago | 1 author (You)
1 import React from 'react';
2 import ReactDOM from 'react-dom';
3 import './index.css';
4 import Card_33 from './Card_33';
5 import * as serviceWorker from './serviceWorker';
6 import 'tachyons';      You, a few seconds ago • Unc
7
8 ReactDOM.render(
9   <React.StrictMode>
10  <Card_33 />
11 </React.StrictMode>.
```

Below the code editor is a terminal window titled '1: bash' containing the following output:

```
pc201:classdemo fuxian$ sudo npm i tachyons
Password:
npm WARN tsutils@3.17.1 requires a peer of typescript@>=2.8.
3.3.0-dev || >= 3.4.0-dev || >= 3.5.0-dev || >= 3.6.0-dev |
.0-dev || >= 3.7.0-beta but none is installed. You must ins
urself.

+ tachyons@4.12.0
updated 1 package and audited 1639 packages in 19.627s

72 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities

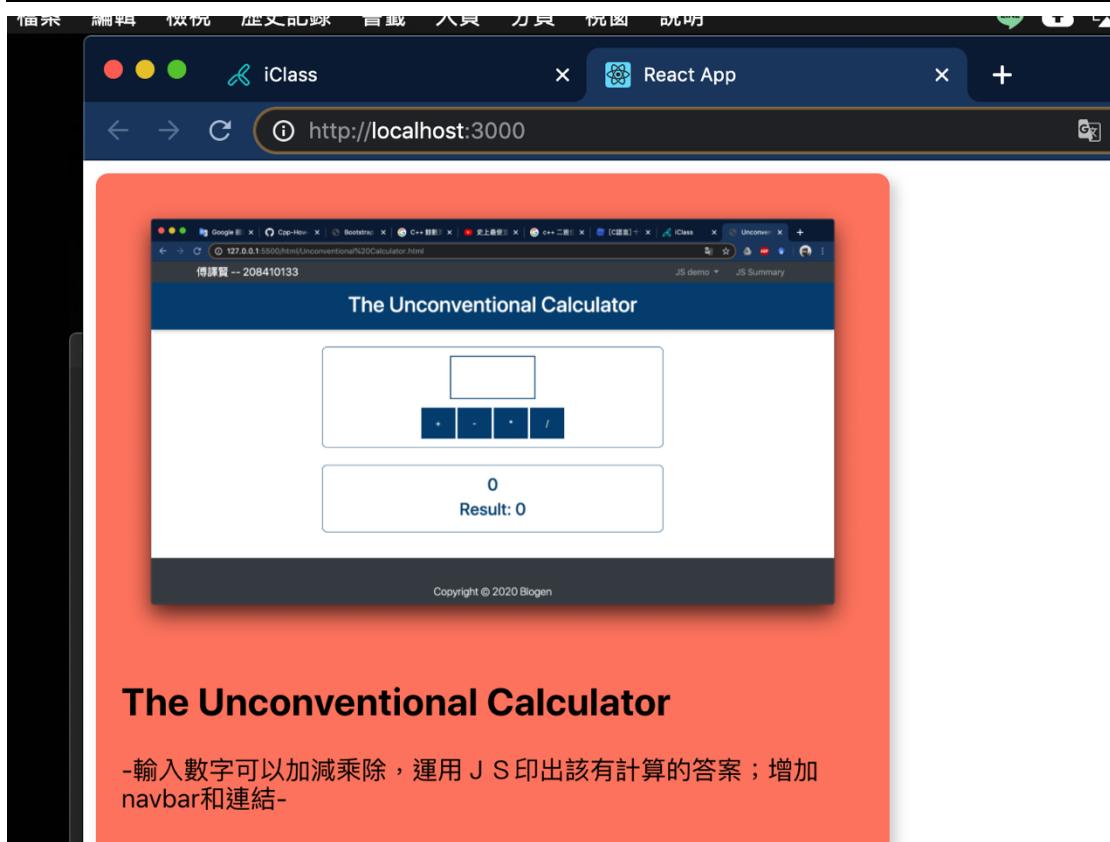
pc201:classdemo fuxian$
```

5. 對 img 與 card 進行樣式設定

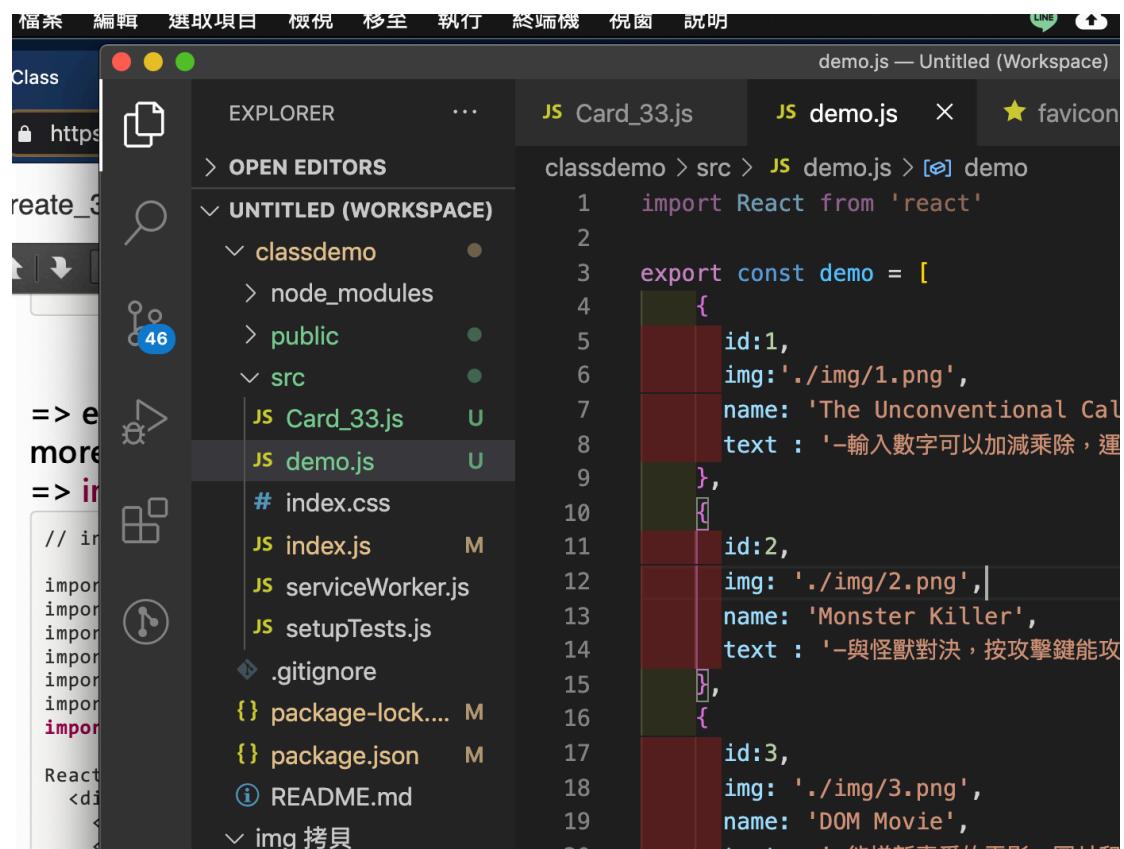
```
import React from 'react'

export const Card_33 = () => {
  return (
    <div className='bg-light-red dib br3 pa3 ma2 grow bw2 shadow-5' style={{width: 500}}>
      <img src='./img/1.png' alt='#' />
      <h2>The Unconventional Calculator</h2>
      <p>-輸入數字可以加減乘除，運用 JS 印出該有計算的答案；增加 navbar 和連結</p>
    </div>
  )
}

export default Card_33;
```

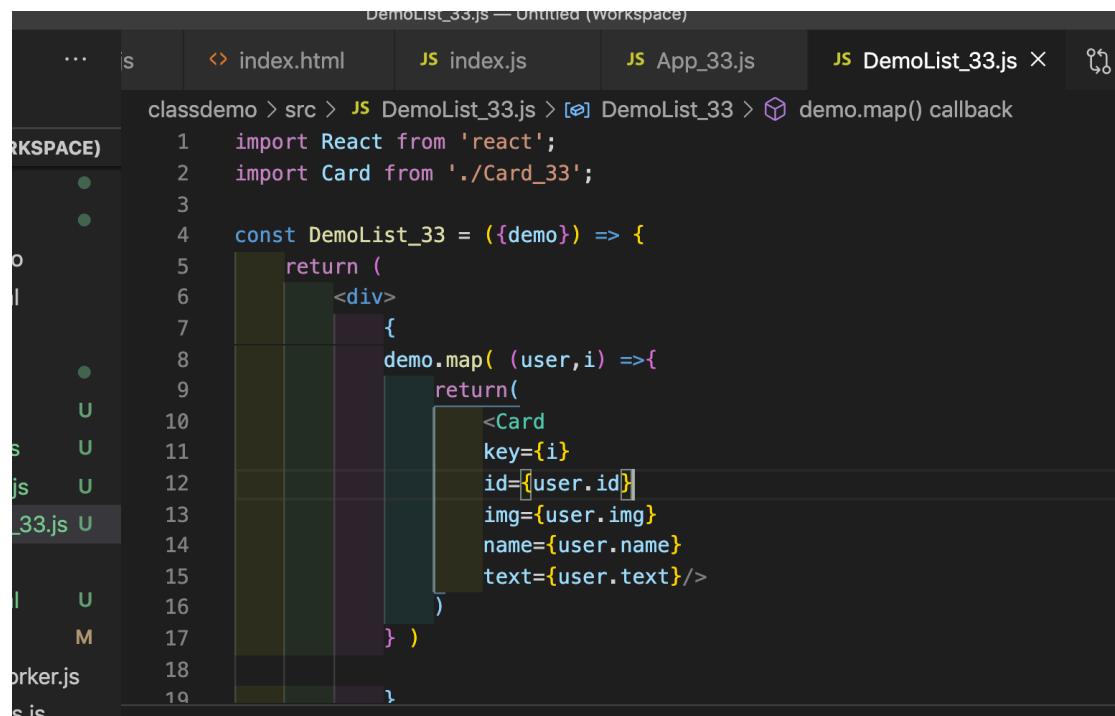


6. 增新 demo_33.js 加入資料



```
demo.js — Untitled (Workspace)
classdemo > src > JS demo.js > [e] demo
1 import React from 'react'
2
3 export const demo = [
4   {
5     id:1,
6     img:'./img/1.png',
7     name: 'The Unconventional Call',
8     text : '-輸入數字可以加減乘除，運
9   },
10  {
11    id:2,
12    img: './img/2.png',
13    name: 'Monster Killer',
14    text : '-與怪獸對決，按攻擊鍵能攻
15  },
16  {
17    id:3,
18    img: './img/3.png',
19    name: 'DOM Movie',
20    text : '-在電影場景中，能改變電影的電影，電影打
21  }
]
```

7. 增加 DomeList_33.js



```
DemoList_33.js — Untitled (workspace)
classdemo > src > JS DemoList_33.js > [e] DemoList_33 > [d] demo.map() callback
1 import React from 'react';
2 import Card from './Card_33';
3
4 const DemoList_33 = ({demo}) => {
5   return (
6     <div>
7       {
8         demo.map( (user,i) =>{
9           return(
10             <Card
11               key={i}
12               id={user.id}
13               img={user.img}
14               name={user.name}
15               text={user.text}/>
16           )
17         } )
18       }
19     </div>
20   )
21 }
```

8. 增加 App_33.js，在 index 加入 App_33.js

The screenshot shows a code editor with several tabs at the top: Card_33.js, index.html, index.js, App_33.js (which is currently selected), and Demo. The code in App_33.js is as follows:

```
classdemo > src > JS App_33.js > ...
1 import React from 'react';
2 import DemoList from './DemoList_33';
3 import { demo } from './demo_33';
4 const App_33 = () => {
5   return <DemoList demo={demo} />;
6 };
7 export default App_33;
8 |
```

Below the code editor, there are six cards, each representing a different project:

- The Unconventional Calculator**
-輸入數字可以加減乘除，運用 JSX印出該有計算的答案；增加 navbar和連結-
- Monster Killer**
-與怪獸對決，按攻擊鍵能攻擊補血能補血，血量修的變化-
- DOM Movie**
-能增新喜愛的電影、圖片和連結-
- Custom Video Player**
-播放影集，能拉時間軸和暫停播放-
- Music Player**
-播放音樂，能拉時間軸和暫停播放-
- Meal Finder**
-查詢食譜，點圖片顯示步驟-

在 index 加入

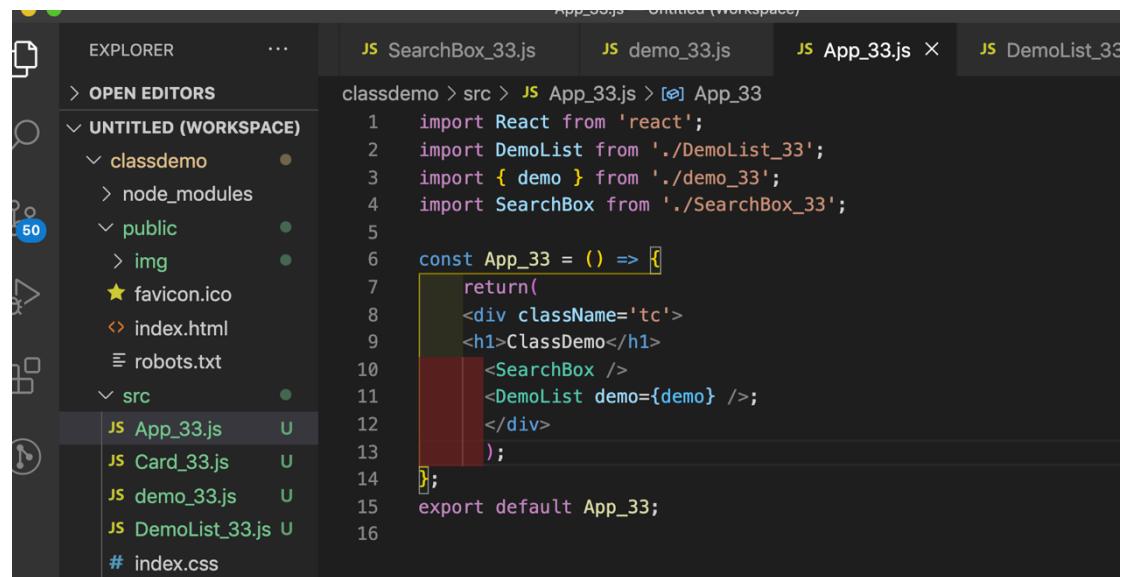
```
import App from './App_33';

<App />
```

9. 在 SearchBox_33.js 加入，在 App_33.js 加入 SearchBox_33.js 的入徑

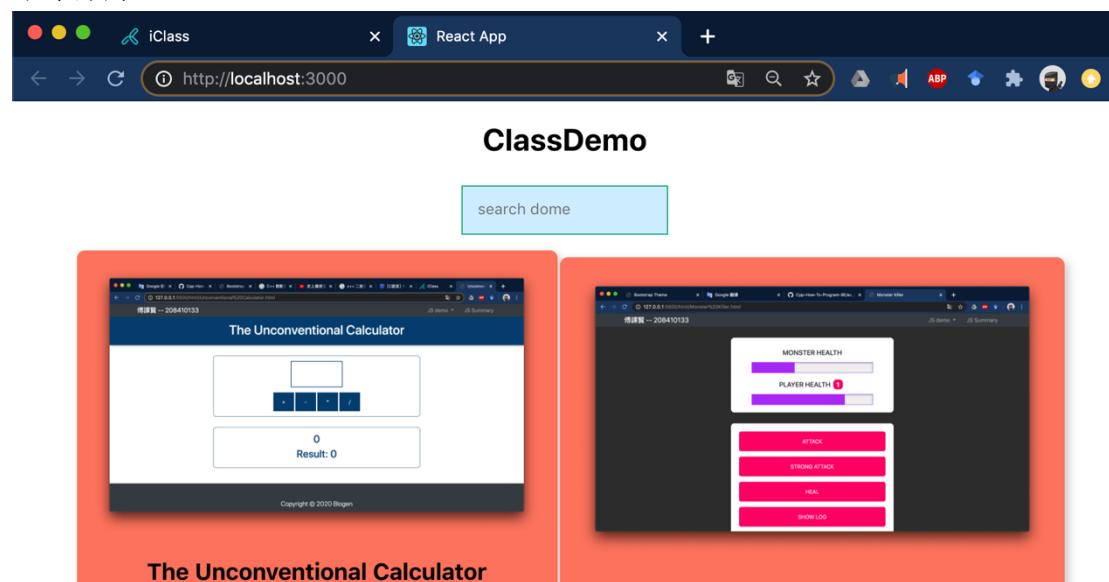
```
<div className='pa2'>
  <input
    className='pa3 ba b--green bg-lightest-blue'
    type='search'
    placeholder='search dome'
  />
</div>
```

在 App_33.js 加入 SearchBox_33.js 的入徑

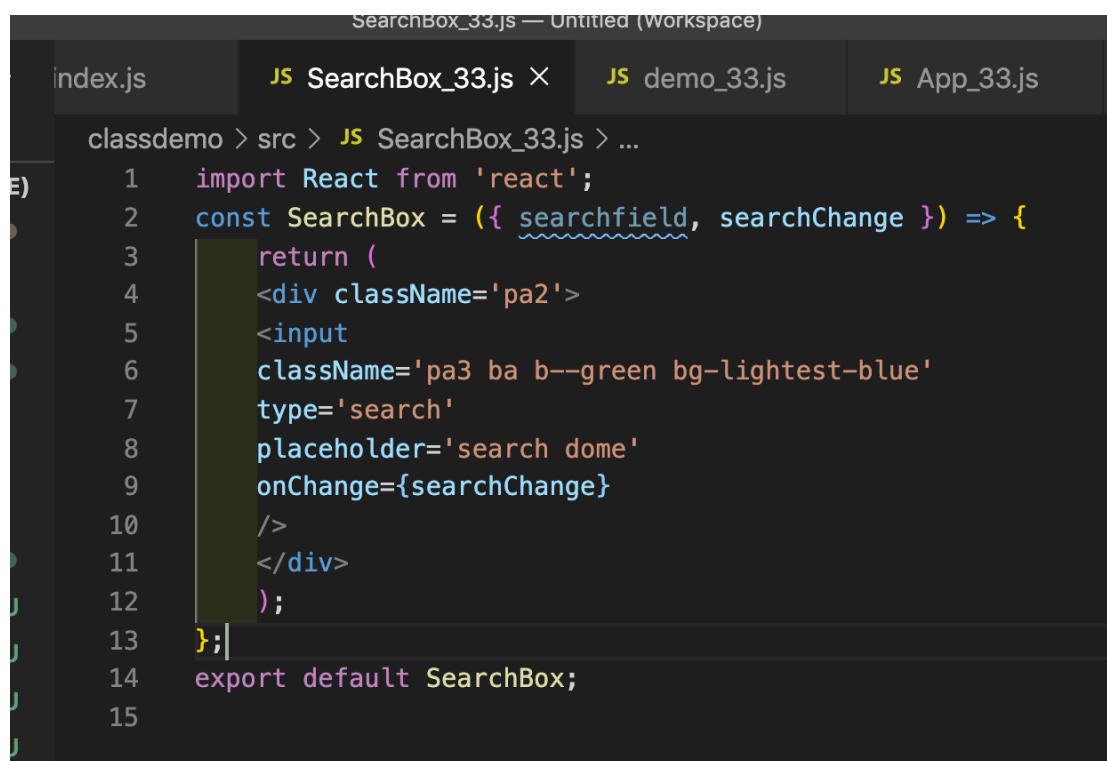


```
classdemo > src > JS App_33.js > [o] App_33
1 import React from 'react';
2 import DemoList from './DemoList_33';
3 import { demo } from './demo_33';
4 import SearchBox from './SearchBox_33';
5
6 const App_33 = () => [
7   return(
8     <div className='tc'>
9       <h1>ClassDemo</h1>
10      <SearchBox />
11      <DemoList demo={demo} />;
12    );
13  ];
14
15 export default App_33;
16
```

結果顯示



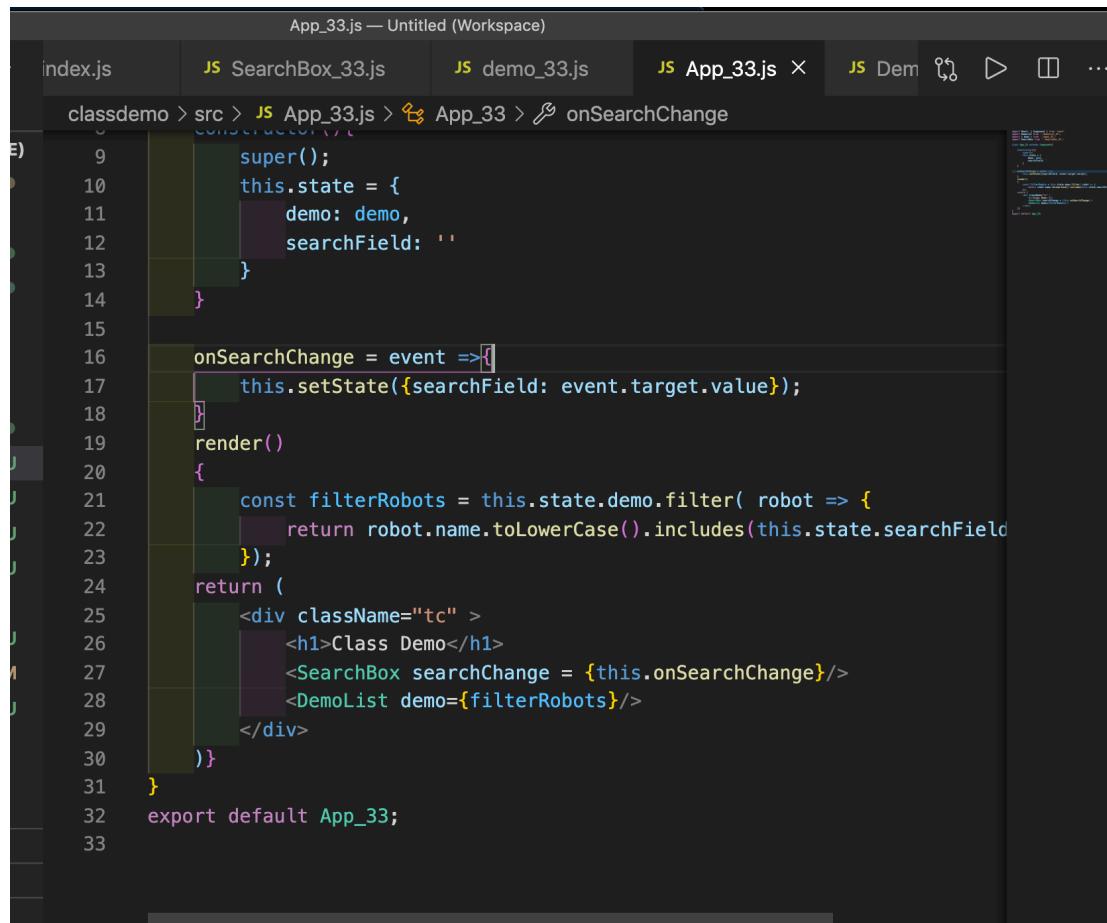
10. SearchBox_33.js 中加入 onChange 偵測收尋欄是否有輸入字元



```
index.js JS SearchBox_33.js × JS demo_33.js JS App_33.js

classdemo > src > JS SearchBox_33.js > ...
1 import React from 'react';
2 const SearchBox = ({ searchfield, searchChange }) => {
3     return (
4         <div className='pa2'>
5             <input
6                 className='pa3 ba b--green bg-lightest-blue'
7                 type='search'
8                 placeholder='search dome'
9                 onChange={searchChange}
10            />
11        </div>
12    );
13 };
14 export default SearchBox;
15
```

11. 添加 onSearchChange 函式與建構子

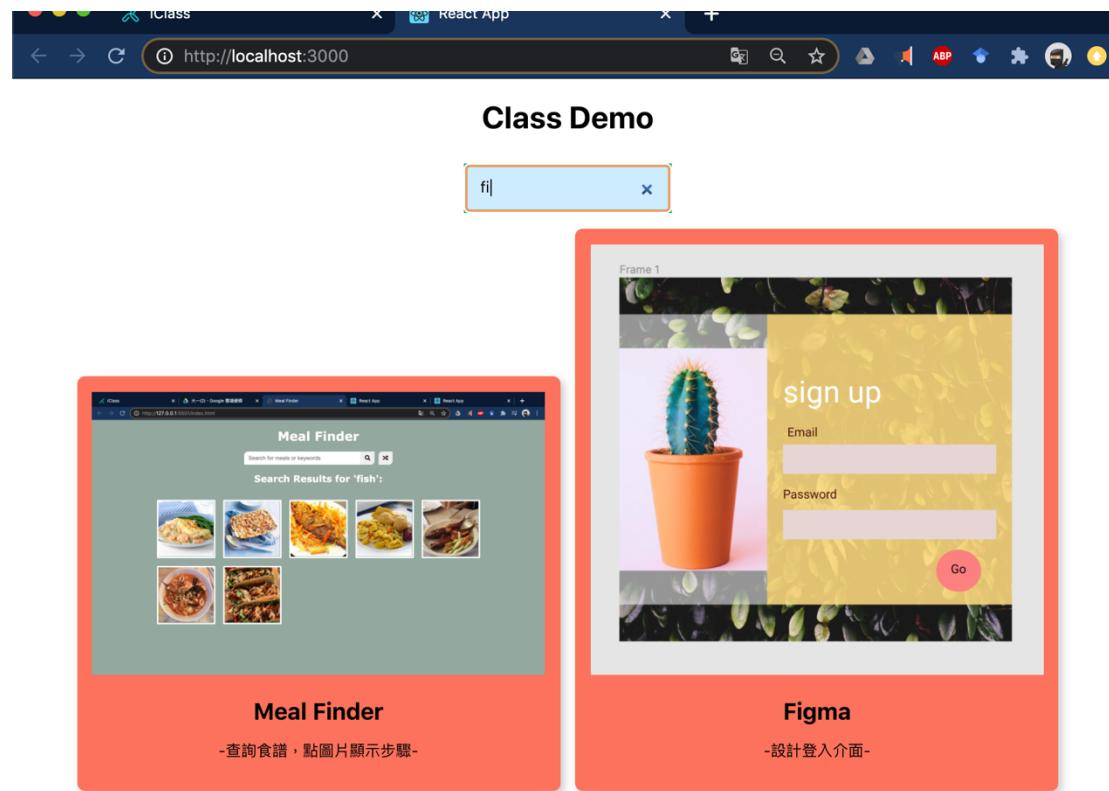


```
index.js JS SearchBox_33.js JS demo_33.js JS App_33.js × JS Dem ⌂ ⌂ ...
```

```
App_33.js — Untitled (Workspace)

classdemo > src > JS App_33.js > App_33 > onSearchChange
9     constructor(props) {
10     super();
11     this.state = {
12         demo: demo,
13         searchField: ''
14     }
15
16     onSearchChange = event =>{
17         this.setState({searchField: event.target.value});
18     }
19     render()
20     {
21         const filterRobots = this.state.demo.filter( robot => {
22             return robot.name.toLowerCase().includes(this.state.searchField)
23         });
24         return (
25             <div className="tc" >
26                 <h1>Class Demo</h1>
27                 <SearchBox searchChange = {this.onSearchChange}>
28                     <DemoList demo={filterRobots}/>
29                 </SearchBox>
30             </div>
31         )
32     }
33     export default App_33;
```

結果：



12.添加 background

The screenshot shows a code editor with several files listed in the sidebar. The main editor area is displaying a CSS file named 'index.css'. The code defines a linear gradient for the body element, transitioning from light blue to light orange. The code is as follows:

```
body {
    margin: 0;
    font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', 'Roboto', 'Ubuntu', 'Cantarell', 'Fira Sans', 'Droid Sans', 'Helvetica Neue', sans-serif;

    padding: 0;
    background: linear-gradient(
        to left,
        #rgb(135, 121, 14),
        #rgb(128, 0, 0) 100%
    );
    -webkit-font-smoothing: antialiased;
    -moz-osx-font-smoothing: grayscale;
}
```

13.添加 App_33.css，安裝自行以及導入

The screenshot shows a code editor window with the following details:

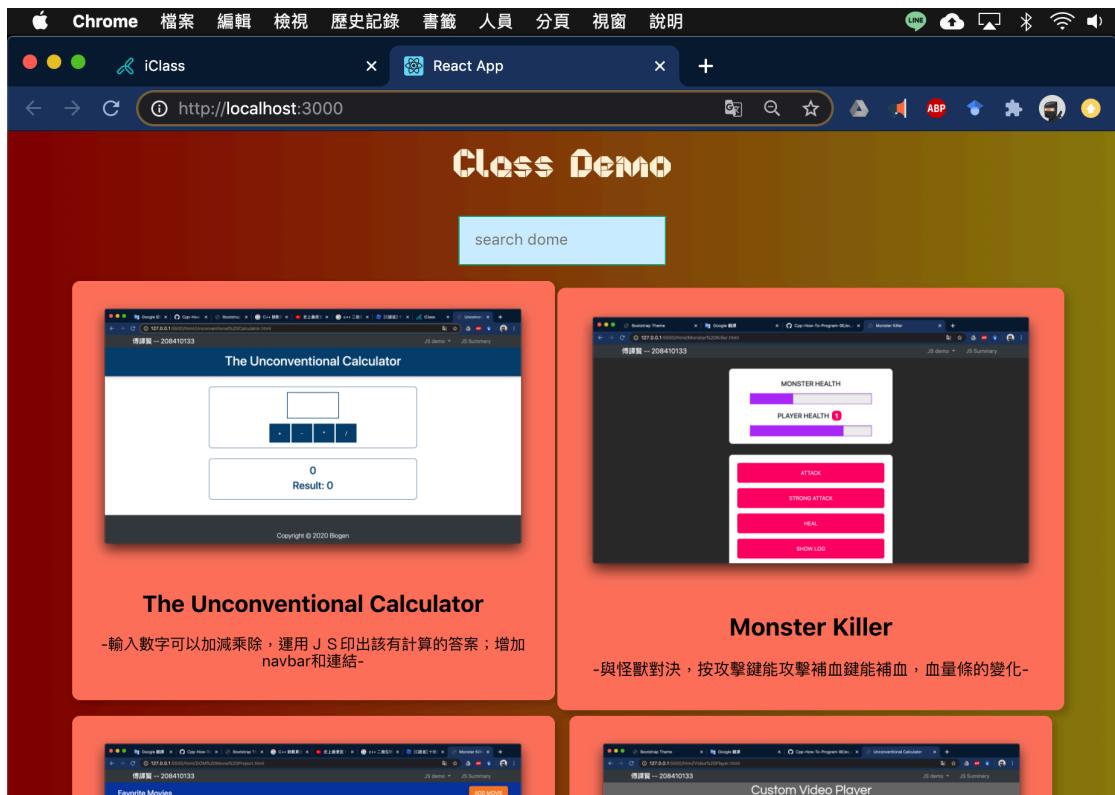
- File Explorer:** Shows files in the workspace, including robots.txt, src (containing App_33.css, Card_33.js, demo_33.js, DemoList_33.js, index.css, index.html, origami_making.ttf, SearchBox_3.js, serviceWorker.js, and setupTests.js).
- Editor:** The current file is App_33.css, containing the following CSS code:

```
classdemo > src > # App_33.css > h1
1  @font-face { font-family: 'origami making';
2    font-style: normal;
3    font-weight: normal;
4    src: local('origami making');
5    url('origami_making.ttf'),
6    format('truetype');}
7  h1 {
8    font-family: 'origami making';
9    font-weight: 200;
10   color: #ffff3d6;
11 }
12 }
```

在 App_33.js 加入路徑

```
import "./App_33.css";
```

結果



14.新增 Scroll_33.js，在 App_33.js 裡面加入路徑

The screenshot shows the VS Code interface. The Explorer sidebar on the left displays the project structure under 'UNTITLED (WORKSPACE)'. It includes a 'public' folder containing 'favicon.ico', an 'img' folder, 'index.html', 'robots.txt', and a 'src' folder containing 'App_33.css', 'App_33.js', 'Card_33.js', 'demo_33.js', 'DemoList_33.js', 'index.css', 'index.html', 'index.js', 'origami_maki...', 'Scroll_33.js', and 'SearchBox_3...'. The 'Scroll_33.js' file is open in the main editor area. The code defines a React component 'Scroll_33' that returns a styled div with scrollable content.

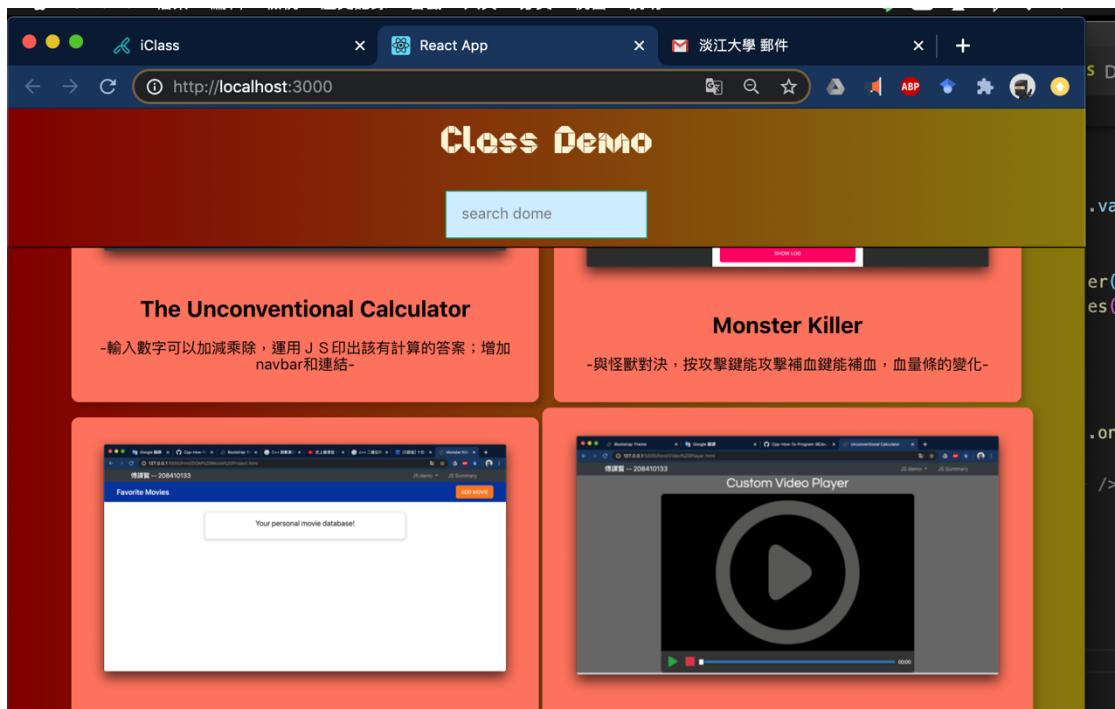
```
classdemo > src > JS Scroll_33.js > ...
1  import React from 'react';
2  const Scroll_33 = (props) => {
3      return <div style={{
4          overflow: 'scroll',
5          border: '1px solid black',
6          height: '800px'
7      }>
8      {props.children}
9  </div>;
10
11 export default Scroll_33;
```

App_33.js 裡面加入路徑

```
import Scroll_33 from './Scroll_33';

<Scroll_33>
    <DemoList demo={filterRobots} />
</Scroll_33>
```

結果：



15.用 <https://tachyons.io/> 排版

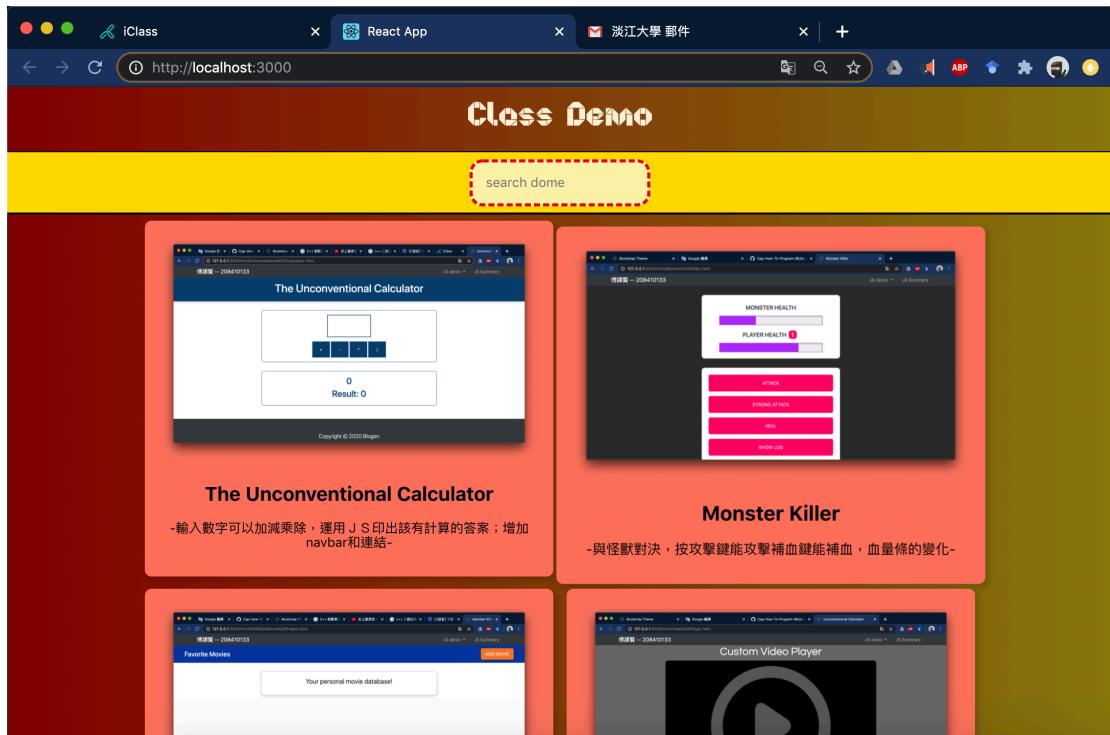
SearchBox_33.js 加入

```
className='pa3 bw2 ba b--dashed b--dark-red bg-light-yellow br4'
```

App_33.js 加入

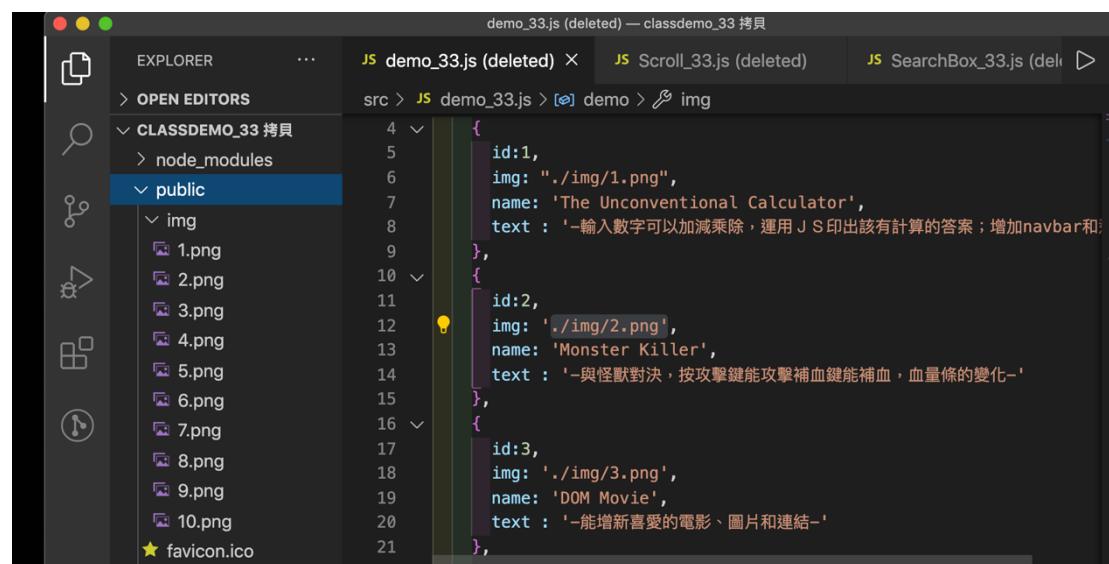
```
<div className="bg-yellow bb bt" >  
    <SearchBox searchChange={this.onSearchChange} />  
</div>
```

結果：

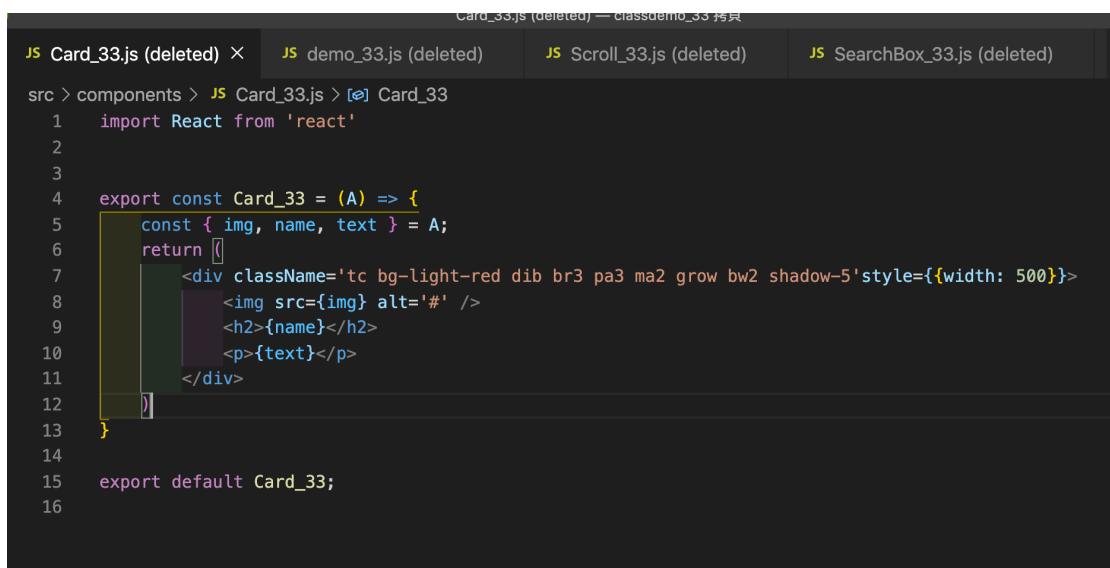


錯誤解決

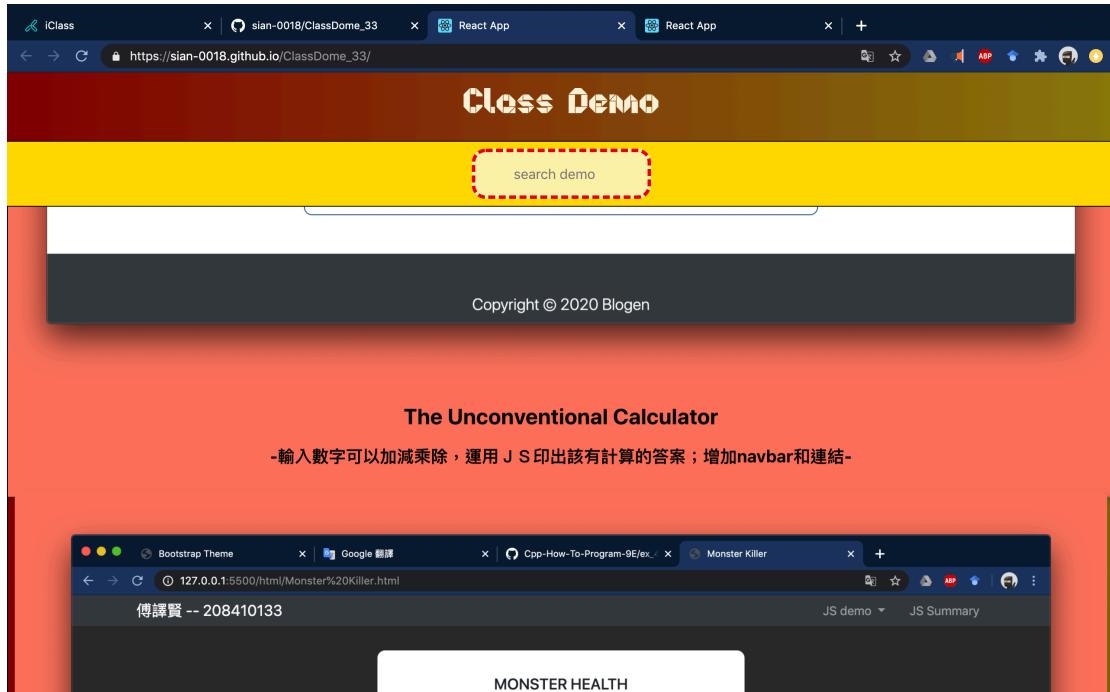
1. 圖片必須放在目錄 public 中，才可以進行連結



2. 圖片太大，在 Card_33.js 中加入 style



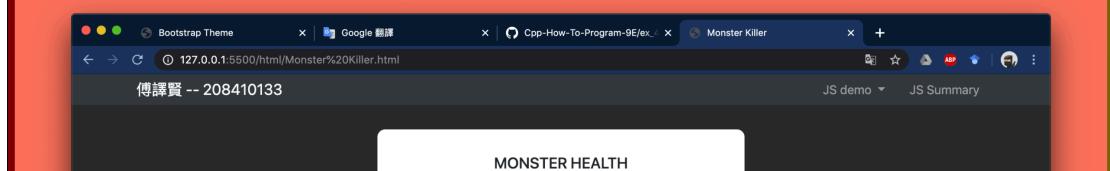
```
Card_33.js (deleted) — classdemo_33 複製
JS Card_33.js (deleted) X JS demo_33.js (deleted) X JS Scroll_33.js (deleted) X JS SearchBox_33.js (deleted)
src > components > JS Card_33.js > [?] Card_33
1 import React from 'react'
2
3
4 export const Card_33 = (A) => {
5   const { img, name, text } = A;
6   return [
7     <div className='tc bg-light-red dib br3 pa3 ma2 grow bw2 shadow-5' style={{width: 500}}>
8       <img src={img} alt='#' />
9       <h2>{name}</h2>
10      <p>{text}</p>
11    </div>
12  ]
13}
14
15 export default Card_33;
16
```



The screenshot shows a browser window displaying a web application titled "Class Demo". The page has a dark header with the title "Class Demo" and a yellow navigation bar containing a search input field labeled "search demo". Below the navigation bar is a large white area with some placeholder text. At the bottom of the page is a dark footer bar with the copyright notice "Copyright © 2020 Blogen".

The Unconventional Calculator

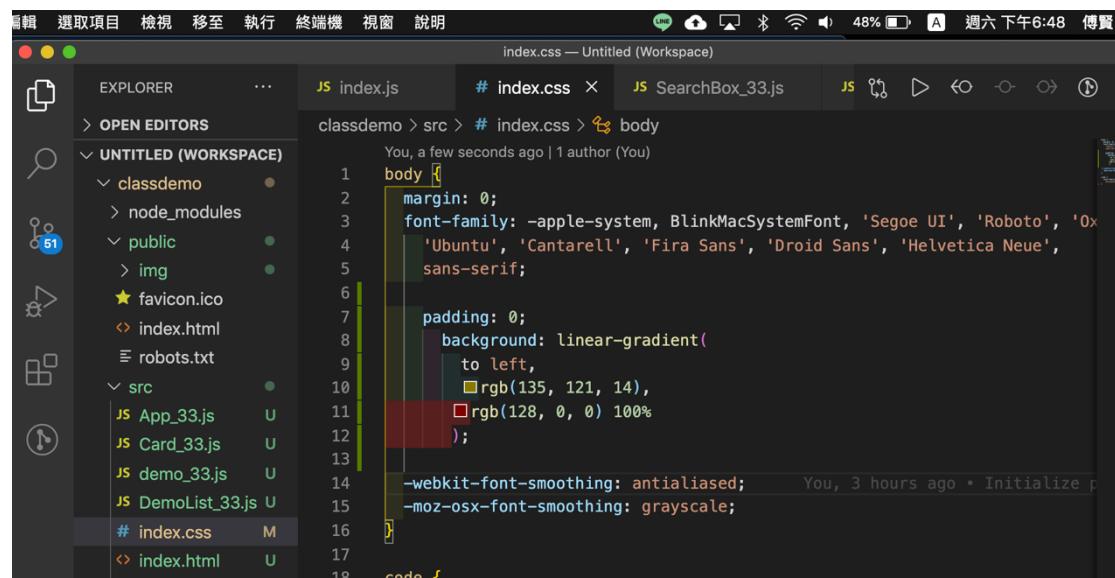
-輸入數字可以加減乘除，運用 JS 印出該有計算的答案；增加navbar和連結-



The screenshot shows a browser window displaying a web application titled "Monster Killer". The page has a dark header with the title "Monster Killer" and a yellow navigation bar containing links for "JS demo" and "JS Summary". Below the navigation bar is a large white area with a button labeled "MONSTER HEALTH".

3.background 語法錯誤，導致背景無法顯示

下圖已改過



The screenshot shows the VS Code interface with the title bar "index.css — Untitled (Workspace)". The Explorer sidebar on the left shows a project structure with files like App_33.js, Card_33.js, demo_33.js, DemoList_33.js, index.css, and index.html. The main editor area displays the content of index.css:

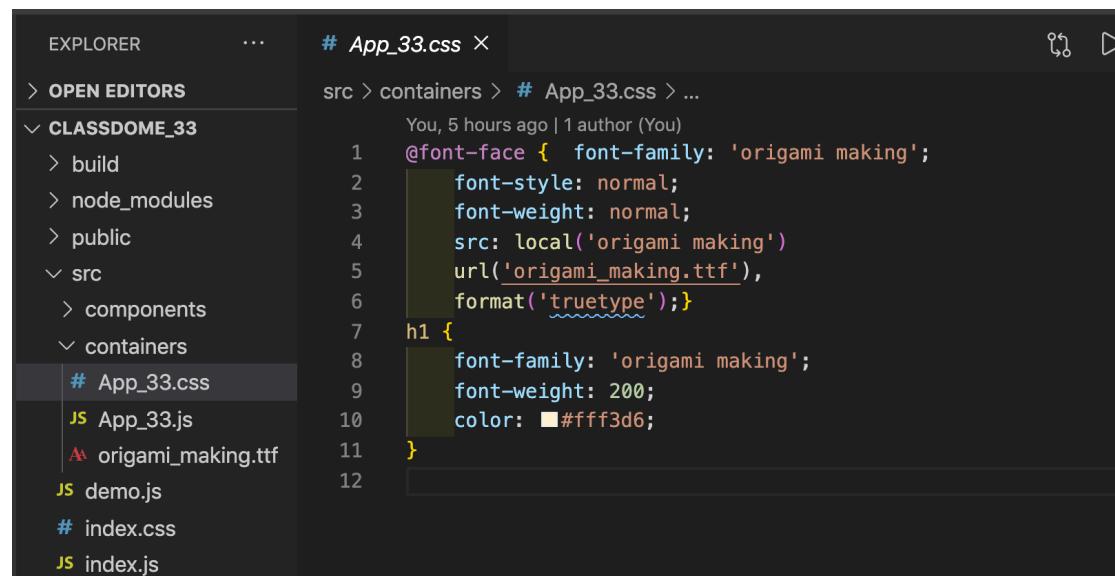
```
body {
    margin: 0;
    font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', 'Roboto', 'Oxygen',
    'Ubuntu', 'Cantarell', 'Fira Sans', 'Droid Sans', 'Helvetica Neue',
    sans-serif;

    padding: 0;
    background: linear-gradient(
        to left,
        #rgb(135, 121, 14),
        #rgb(128, 0, 0) 100%
    );

    -webkit-font-smoothing: antialiased;
    -moz-osx-font-smoothing: grayscale;
}
```

A red box highlights the line "background: linear-gradient(to left, #rgb(135, 121, 14), #rgb(128, 0, 0) 100%);". The status bar at the bottom right shows "You, 3 hours ago * Initialize p".

字型的連結，src 的路徑改正



The screenshot shows the VS Code interface with the title bar "# App_33.css". The Explorer sidebar on the left shows a project structure with files like build, node_modules, public, src, components, containers, App_33.css, App_33.js, origami_making.ttf, demo.js, index.css, and index.js. The main editor area displays the content of App_33.css:

```
@font-face {
    font-family: 'origami making';
    font-style: normal;
    font-weight: normal;
    src: local('origami making'),
        url('origami_making.ttf'),
        format('truetype');
}

h1 {
    font-family: 'origami making';
    font-weight: 200;
    color: #fff3d6;
}
```

A red box highlights the line "src: local('origami making'),". The status bar at the bottom right shows "You, 5 hours ago * 1 author (You)".