

REACT.JS COMPONENT CREATION

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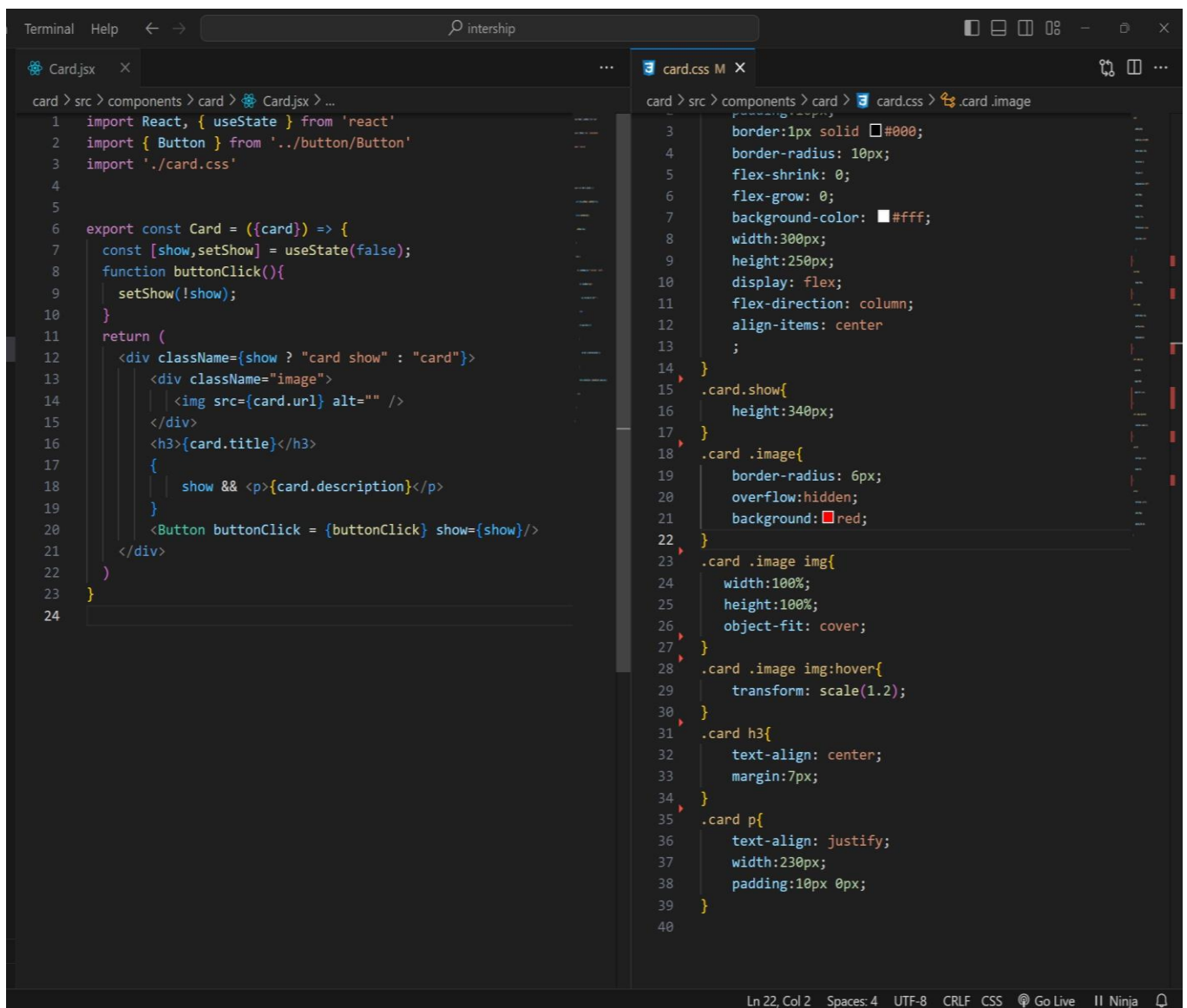
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SOURCE CODE :

CARD COMPONENT :



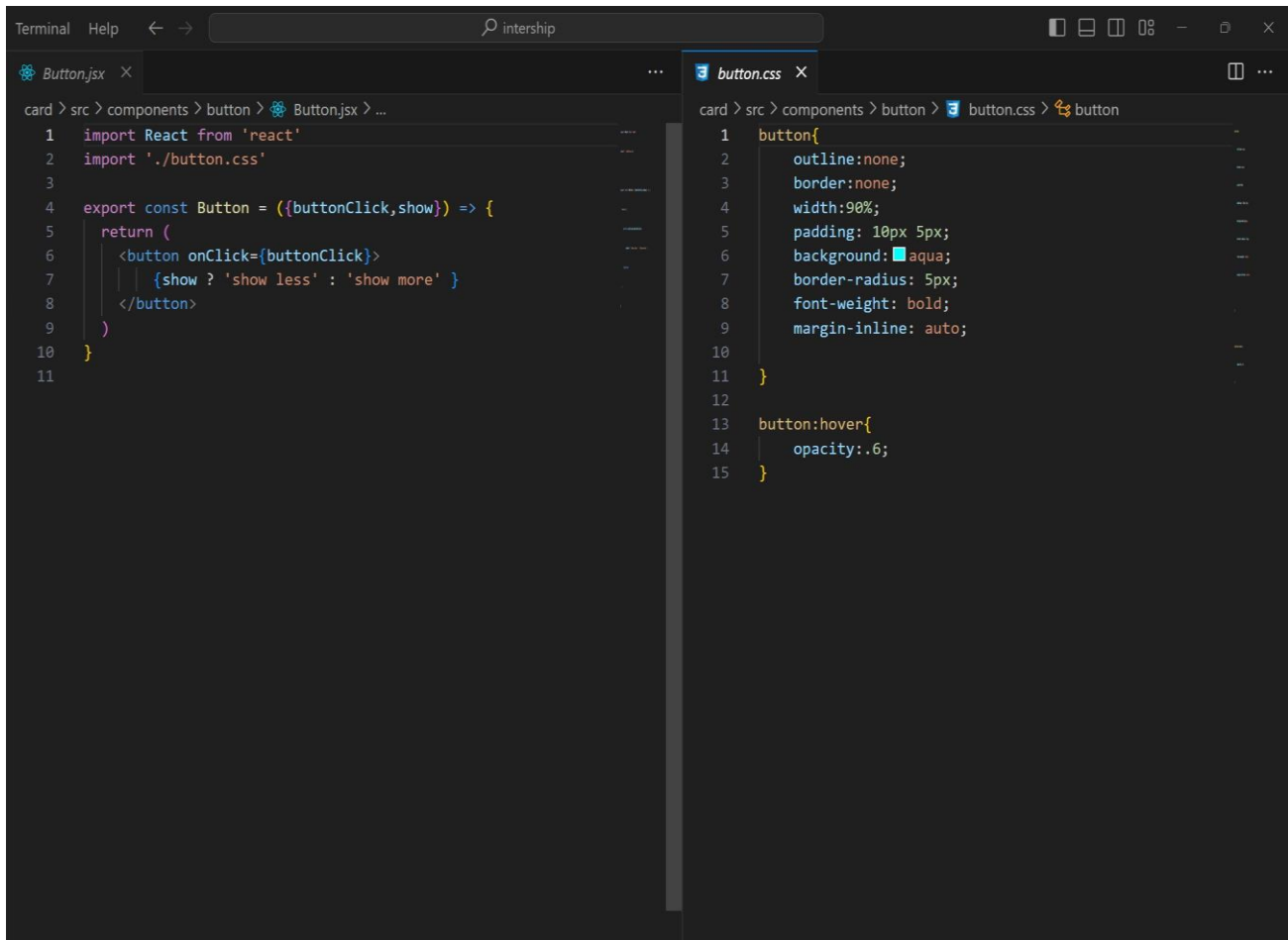
```
Terminal  Help  ← →  intership

Card.jsx  ×
card > src > components > card > Card.jsx > ...
1  import React, { useState } from 'react'
2  import { Button } from '../button/Button'
3  import './card.css'
4
5
6  export const Card = ({card}) => {
7    const [show, setShow] = useState(false);
8    function handleClick(){
9      setShow(!show);
10   }
11   return (
12     <div className={show ? "card show" : "card"}>
13       <div className="image">
14         <img src={card.url} alt="" />
15       </div>
16       <h3>{card.title}</h3>
17       {
18         show && <p>{card.description}</p>
19       }
20       <Button handleClick = {handleClick} show={show}/>
21     </div>
22   )
23 }
24

card.css  M  ×
card > src > components > card > card.css > .card.image
3    border:1px solid #000;
4    border-radius: 10px;
5    flex-shrink: 0;
6    flex-grow: 0;
7    background-color: #fff;
8    width:300px;
9    height:250px;
10   display: flex;
11   flex-direction: column;
12   align-items: center;
13
14 }
15 .card.show{
16   height:340px;
17 }
18 .card .image{
19   border-radius: 6px;
20   overflow:hidden;
21   background: red;
22 }
23 .card .image img{
24   width:100%;
25   height:100%;
26   object-fit: cover;
27 }
28 .card .image img:hover{
29   transform: scale(1.2);
30 }
31 .card h3{
32   text-align: center;
33   margin:7px;
34 }
35 .card p{
36   text-align: justify;
37   width:230px;
38   padding:10px 0px;
39 }
40

Ln 22, Col 2  Spaces: 4  UTF-8  CRLF  CSS  Go Live  II Ninja
```

BUTTON COMPONENT:

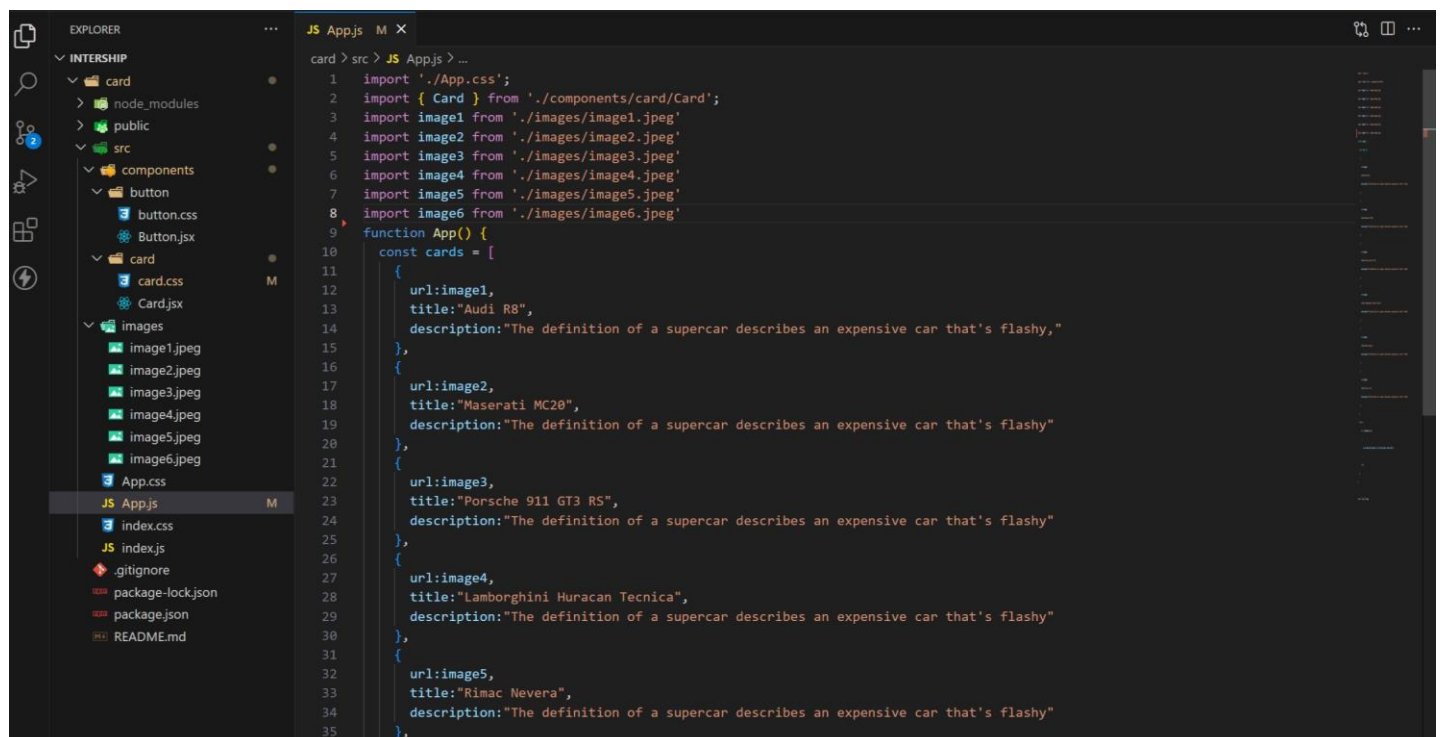


The screenshot shows two files in a VS Code editor. The left file, `Button.jsx`, is a React component that takes `buttonClick` and `show` as props. It returns a `<button>` element with an `onClick` handler and a text label that toggles between 'show less' and 'show more'. The right file, `button.css`, defines the styling for the button, including a light blue background, bold font, and a hover effect that increases opacity.

```
1 import React from 'react'
2 import './button.css'
3
4 export const Button = ({buttonClick,show}) => {
5   return (
6     <button onClick={buttonClick}>
7       {show ? 'show less' : 'show more' }
8     </button>
9   )
10 }
11
```

```
1 button{
2   outline:none;
3   border:none;
4   width:90%;
5   padding: 10px 5px;
6   background: #add8e6;
7   border-radius: 5px;
8   font-weight: bold;
9   margin-inline: auto;
10 }
11
12
13 button:hover{
14   opacity:.6;
15 }
```

APP COMPONENT :



The screenshot shows the `App.js` file in a VS Code editor. The file imports the `Card` component and six image files. It defines an `App` function that creates an array of card objects, each with a URL, title, and description. The project file explorer on the left shows the directory structure, including `components`, `card`, and `images` folders.

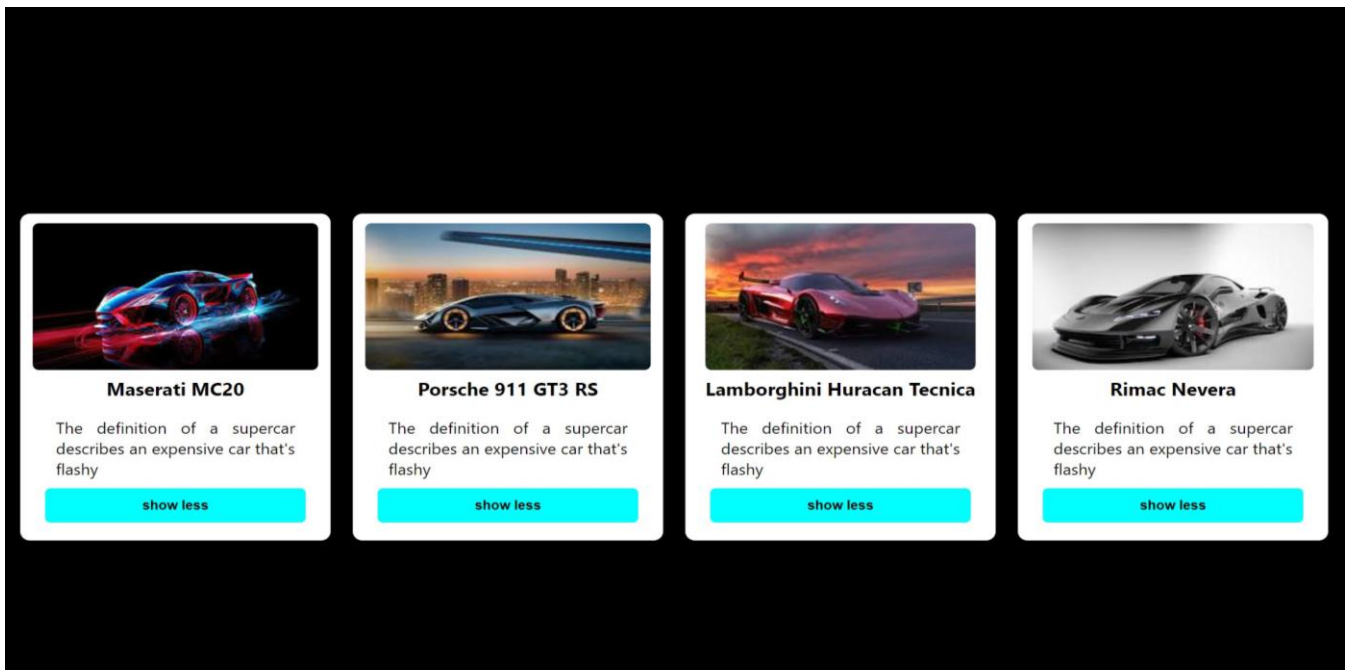
```
1 import './App.css';
2 import { Card } from './components/card/Card';
3 import image1 from './images/image1.jpeg';
4 import image2 from './images/image2.jpeg';
5 import image3 from './images/image3.jpeg';
6 import image4 from './images/image4.jpeg';
7 import image5 from './images/image5.jpeg';
8 import image6 from './images/image6.jpeg';
9
10 function App() {
11   const cards = [
12     {
13       url:image1,
14       title:"Audi R8",
15       description:"The definition of a supercar describes an expensive car that's flashy,"
16     },
17     {
18       url:image2,
19       title:"Maserati MC20",
20       description:"The definition of a supercar describes an expensive car that's flashy"
21     },
22     {
23       url:image3,
24       title:"Porsche 911 GT3 RS",
25       description:"The definition of a supercar describes an expensive car that's flashy"
26     },
27     {
28       url:image4,
29       title:"Lamborghini Huracan Tecnica",
30       description:"The definition of a supercar describes an expensive car that's flashy"
31     },
32     {
33       url:image5,
34       title:"Rimac Nevera",
35       description:"The definition of a supercar describes an expensive car that's flashy"
36     },
37     {
38       url:image6,
39       title:"Ferrari SF90",
40       description:"The definition of a supercar describes an expensive car that's flashy"
41     }
42   ]
43 }
```

```
JS App.js M X
card > src > JS App.js > ...
42   return (
43     <div className="app">
44       {
45         cards.map((card,index)=><Card key={index} card={card}/>)
46       }
47     </div>
48   );
49 }
50
51 export default App;
52

App.css X
card > src > App.css > *
1  *{
2    margin:0;
3    padding:0;
4    box-sizing:border-box;
5    transition:.3s;
6  }
7
8  ::-webkit-scrollbar{
9    display:none;
10 }
11
12 .app{
13   height:100vh;
14   padding:20px;
15   display: flex;
16   justify-content: space-between;
17   align-items:center;
18   gap:20px;
19   overflow:scroll;
20   background: #000;
21 }
```

OUTPUTS:

BUTTON COMPONENT :



CARD COMPONENT:

