

# React.js Component Creation

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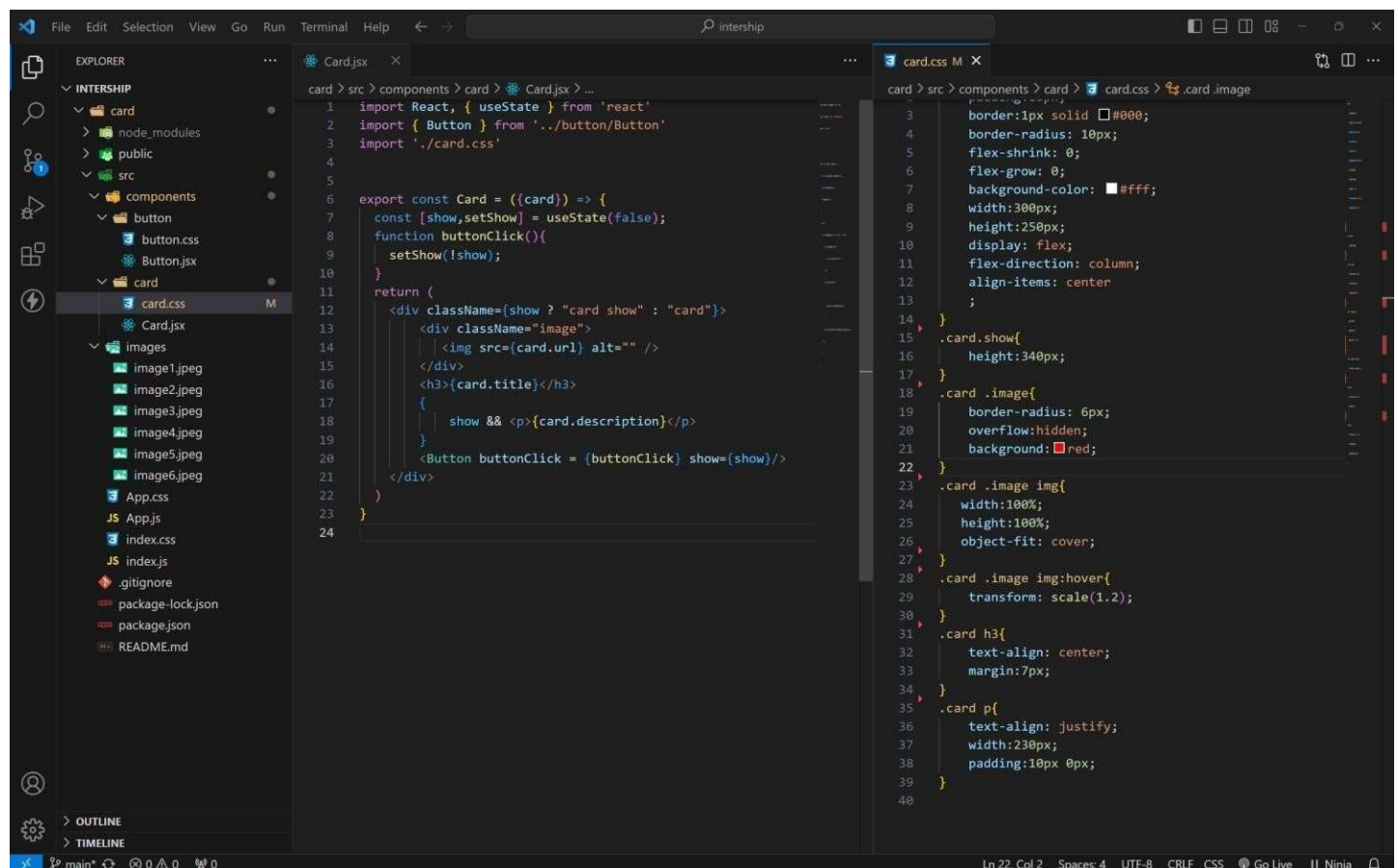
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## Source Code:

### CARD COMPONENT:

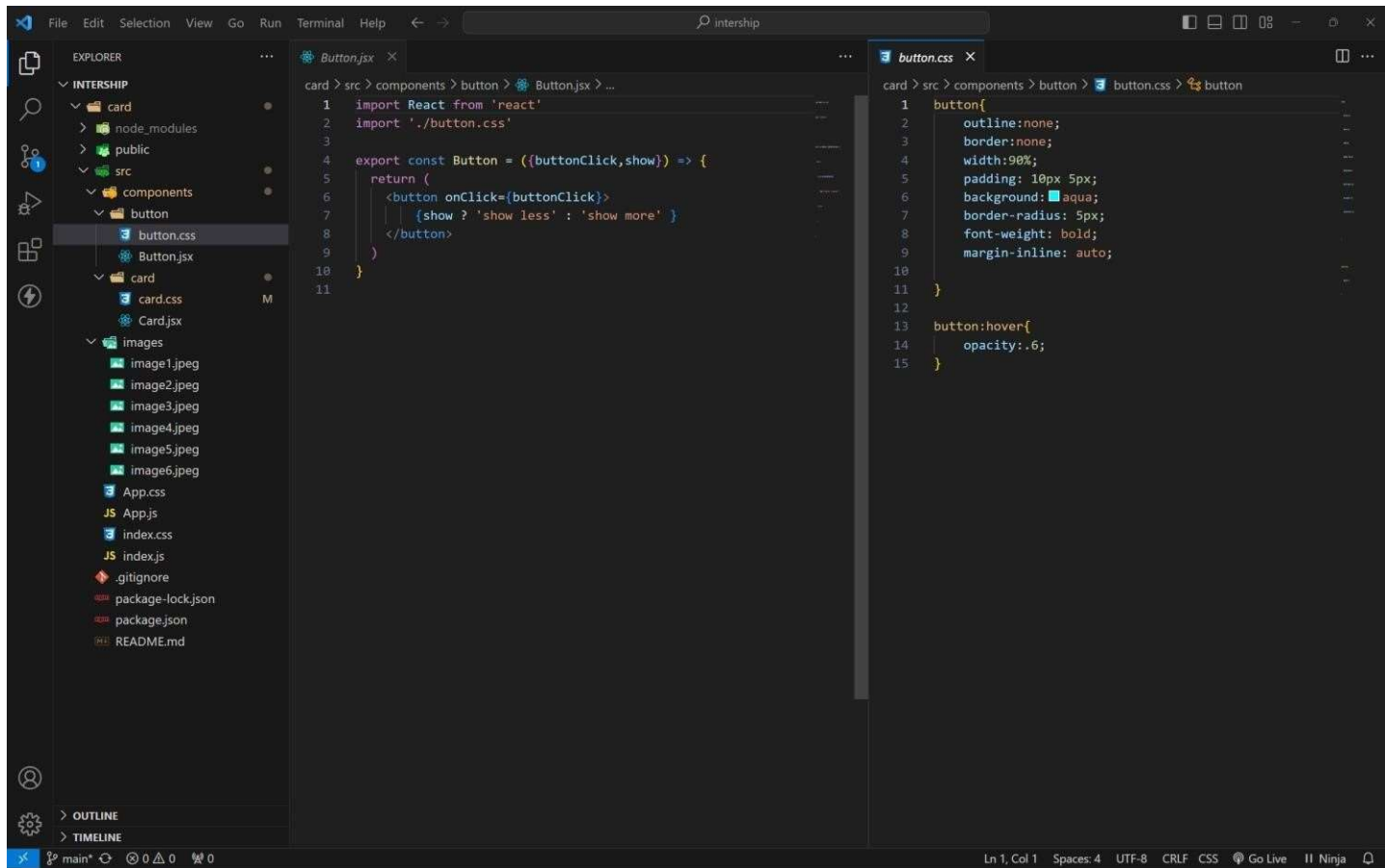
The image is a screenshot of a Visual Studio Code editor window. The Explorer sidebar on the left shows a project structure with folders 'INTERSHIP', 'card', 'node\_modules', 'public', and 'src'. Inside 'src', there are folders 'components' and 'images'. The 'components' folder contains 'button' and 'card'. The 'card' folder contains 'card.css' and 'Card.jsx'. The 'images' folder contains several image files. The main editor area has two tabs: 'Card.jsx' and 'card.css'. The 'Card.jsx' tab is active, showing the following code:

```
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
12  return (
13    <div className={show ? "card show" : "card"}>
14      <div className="image">
15        <img src={card.url} alt="" />
16      </div>
17      <h3>{card.title}</h3>
18      {
19        show && <p>{card.description}</p>
20      }
21      <Button handleClick = {handleClick} show={show}/>
22    </div>
23  )
24 }
```

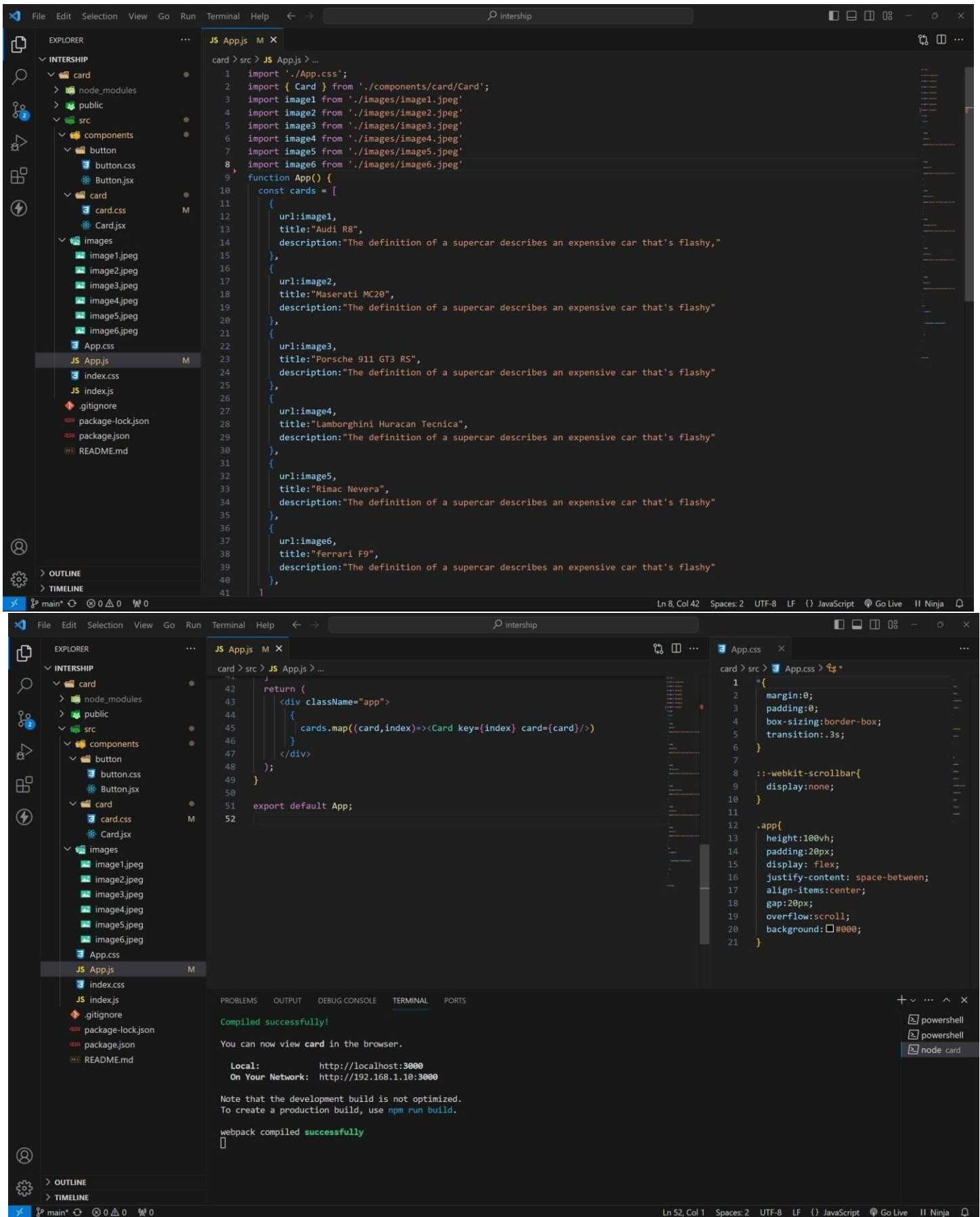
The 'card.css' tab is also visible, showing the following code:

```
1
2
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
16 .card.show{
17   height:340px;
18 }
19 .card .image{
20   border-radius: 6px;
21   overflow: hidden;
22   background: #red;
23 }
24 .card .image img{
25   width:100%;
26   height:100%;
27   object-fit: cover;
28 }
29 .card .image img:hover{
30   transform: scale(1.2);
31 }
32 .card h3{
33   text-align: center;
34   margin:7px;
35 }
36 .card p{
37   text-align: justify;
38   width:230px;
39   padding:10px 0px;
40 }
```

### BUTTON COMPONENT:



# APP COMPONENT:



Approach:

## 1 . initially taking an array of objects like below

```
const cards = [  
  {  
    url:image1,  
    title:"Audi R8",  
    description:"The definition of a supercar describes an expensive car that's flashy,"  
  },  
  {  
    url:image2,  
    title:"Maserati MC20",  
    description:"The definition of a supercar describes an expensive car that's flashy"  
  },  
  {  
    url:image3,  
    title:"Porsche 911 GT3 RS",  
    description:"The definition of a supercar describes an expensive car that's flashy"  
  },  
  {  
    url:image4,  
    title:"Lamborghini Huracan Tecnica",  
    description:"The definition of a supercar describes an expensive car that's flashy"  
  },  
  {  
    url:image5,  
    title:"Rimac Nevera",  
    description:"The definition of a supercar describes an expensive car that's flashy"  
  },  
  {  
    url:image6,  
    title:"ferrari F9",  
    description:"The definition of a supercar describes an expensive car that's flashy"  
  },  
]
```

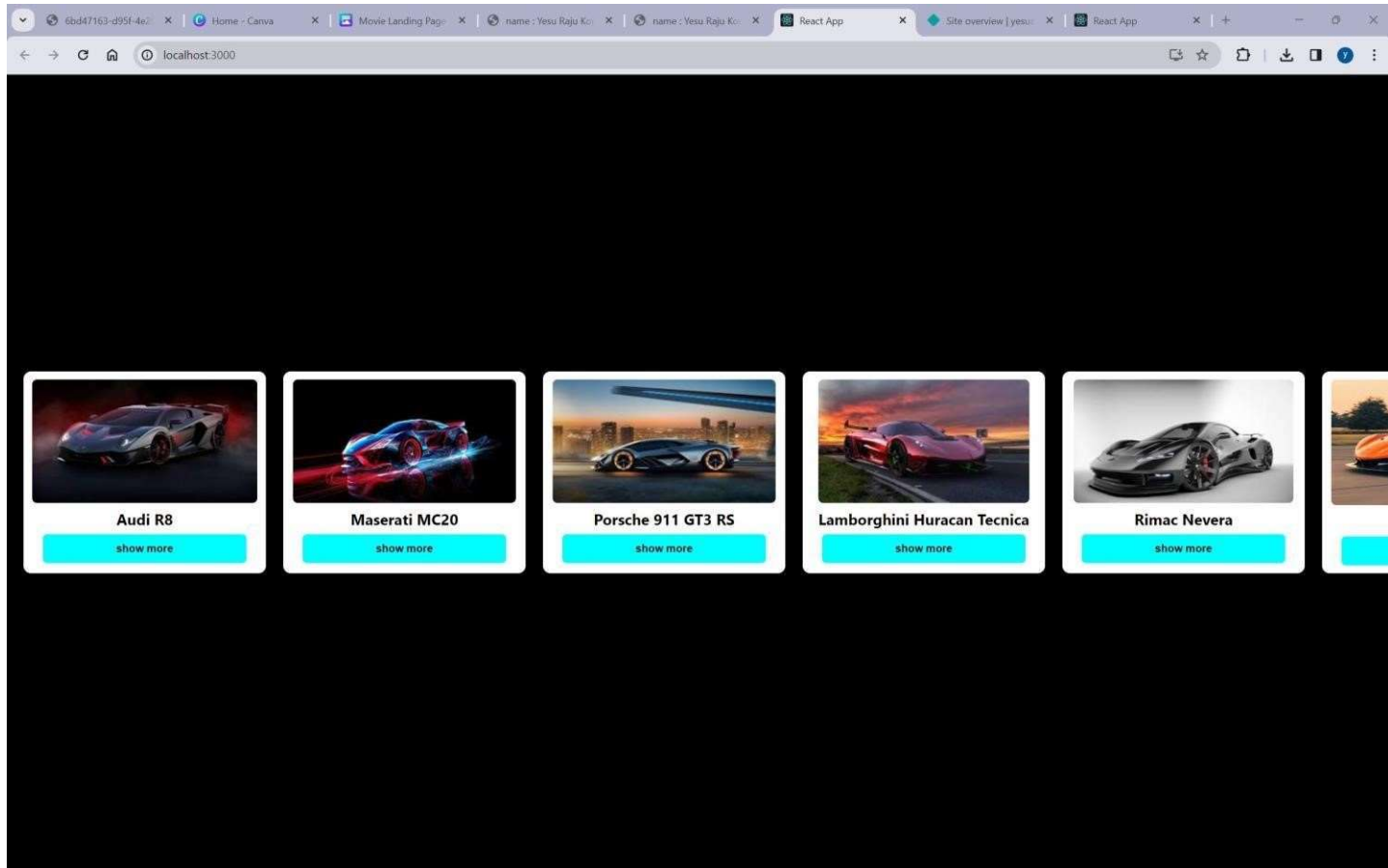
## 2 . Passing this card array to child (card component) of App component by using props;

## 3 . getting data as argument like {card} in card component.

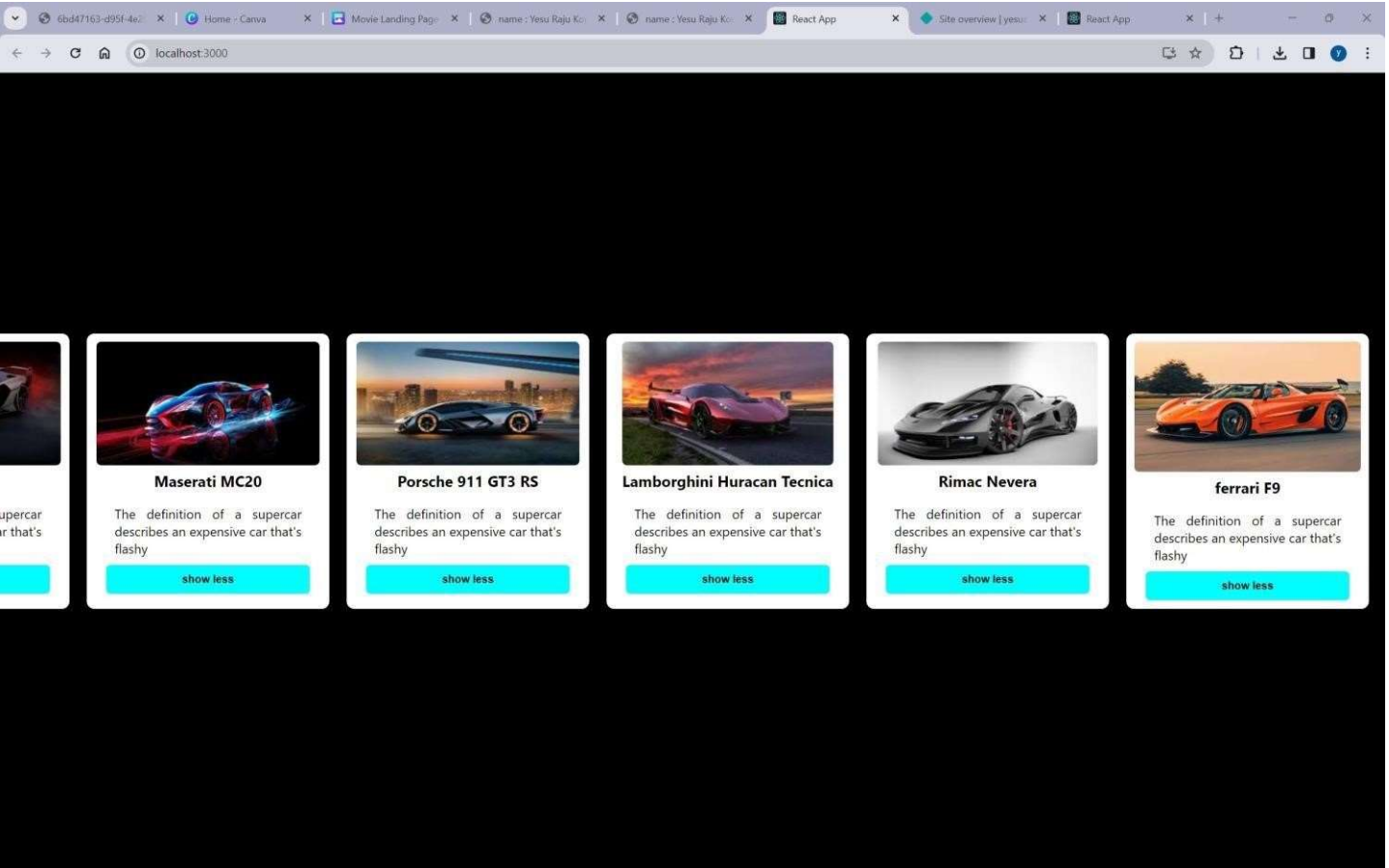
## 4 . in card component i use one state [show, set Show] to get extra info as description.

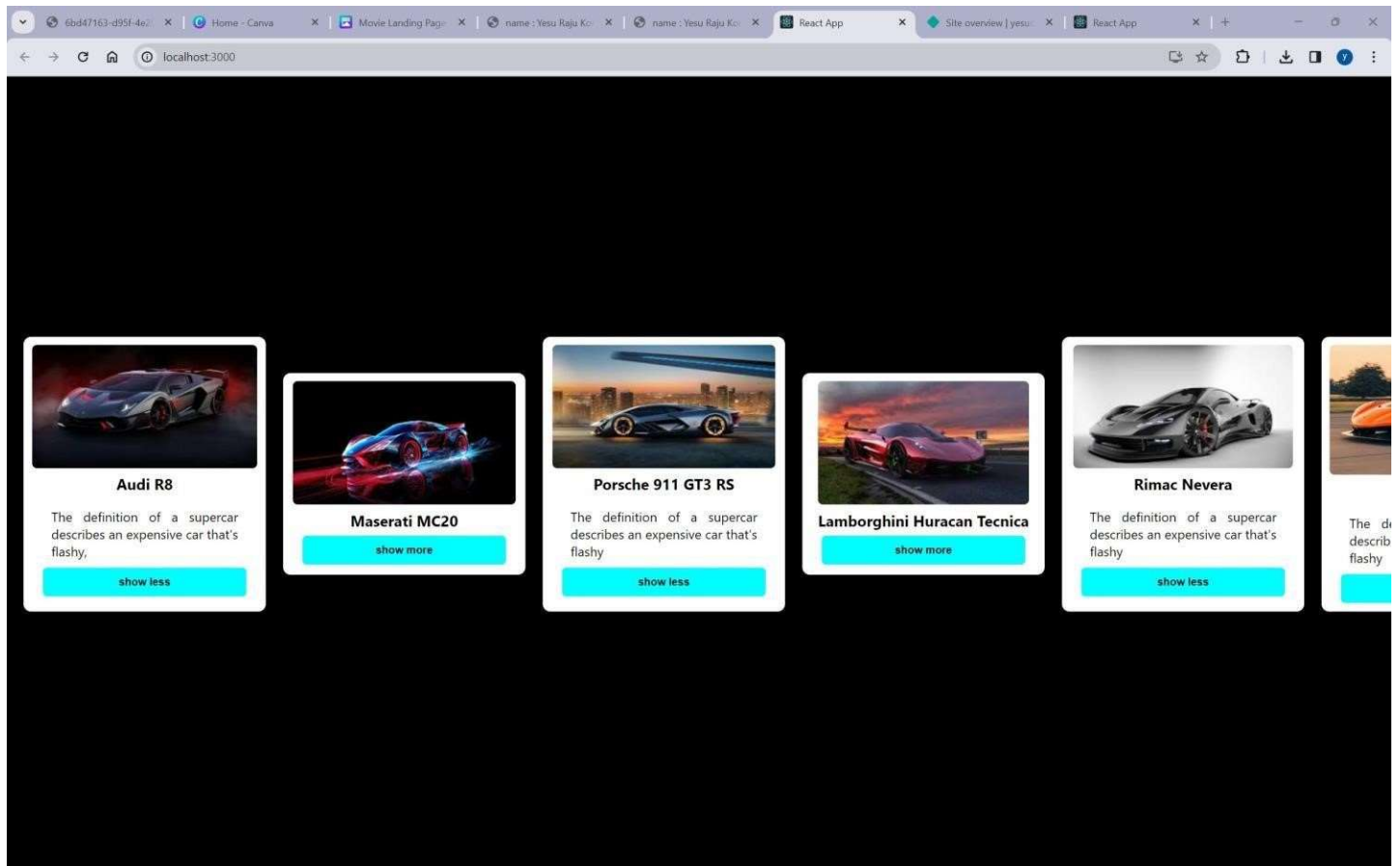
## 5 . When we click the button then show becomes true by assigning set Show (! show).

**OUTPUT:**



AFTER BUTTON CLICKS:





GitHub link:

<https://github.com/4727yesuraju/card> live

demo: <https://yesucard.netlify.app>