

React.js Component Creation

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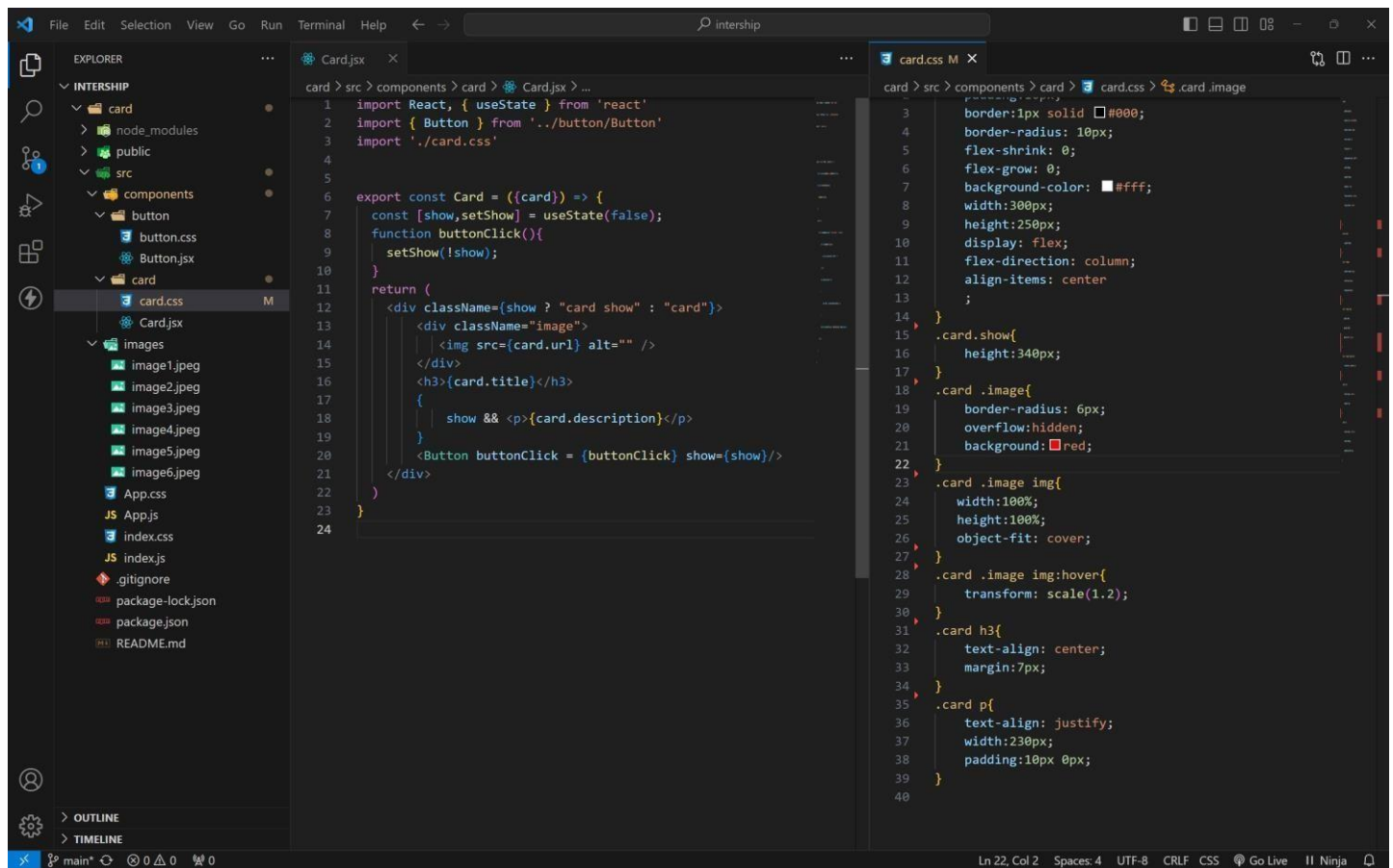
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Source Code:

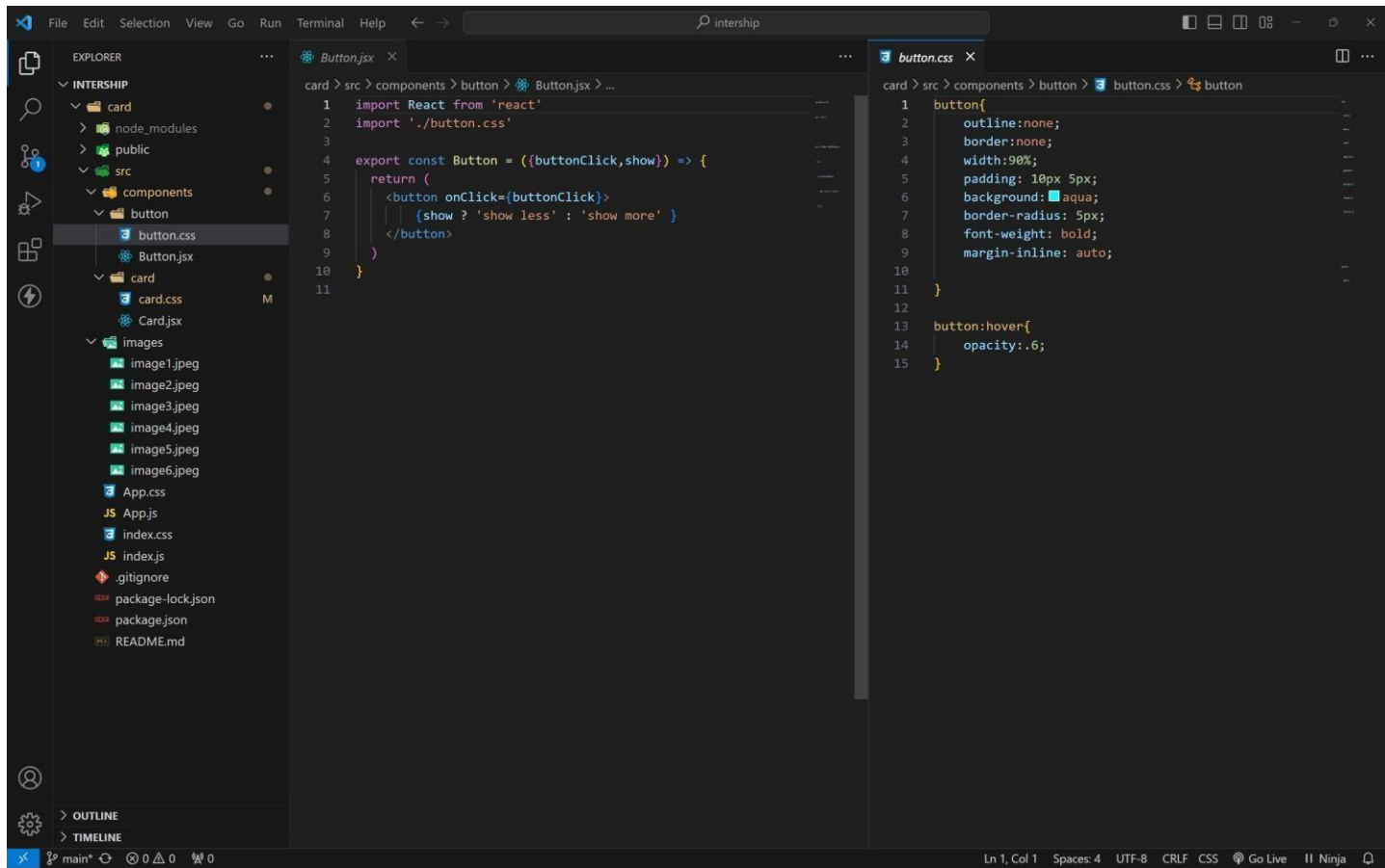
CARD COMPONENT:



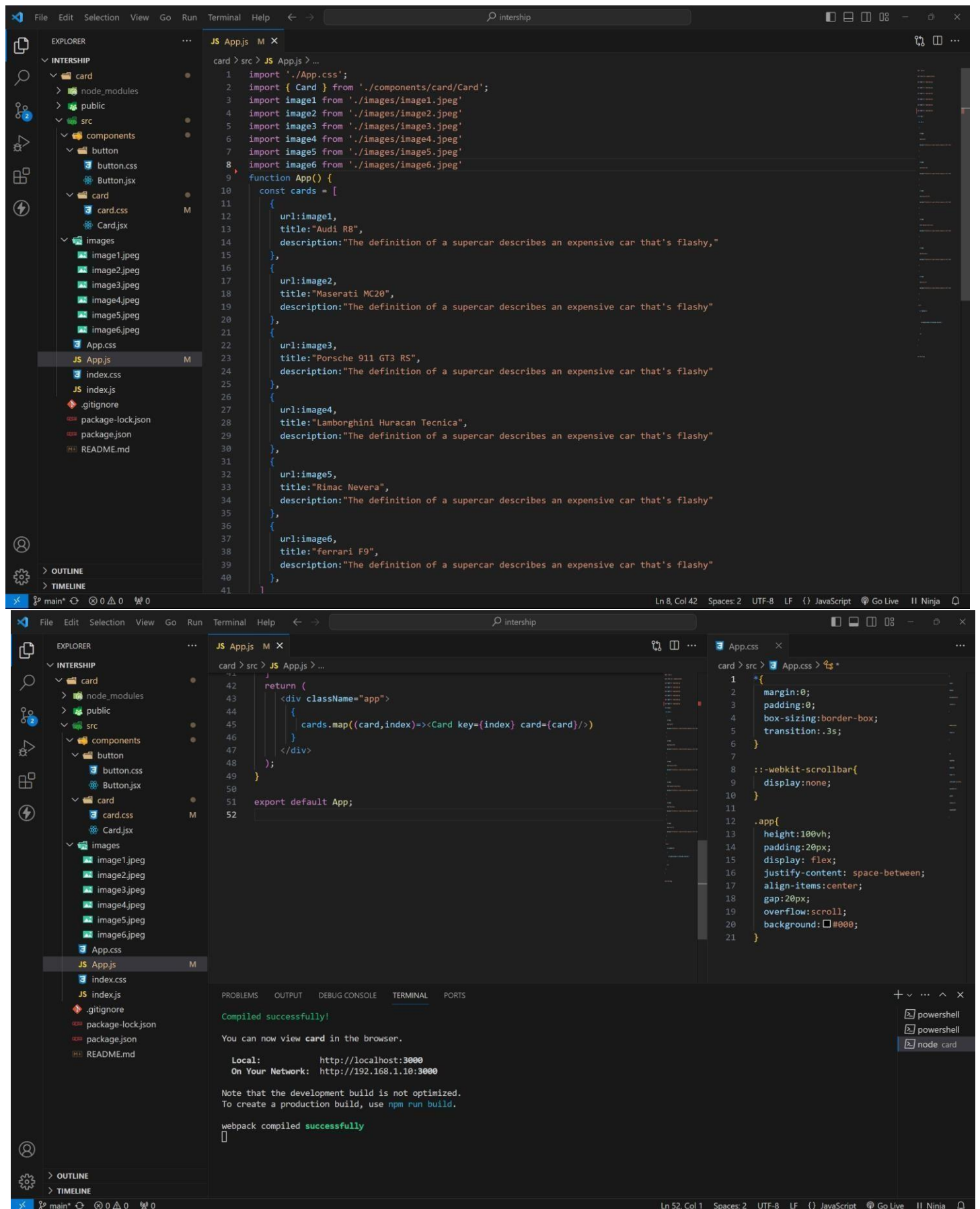
```
card > src > components > card > Card.jsx > ...
1  import React, { useState } from 'react'
2  import { Button } from '../button/Button'
3  import './card.css'
4
5
6  export const Card = ({card}) => {
7    const [show, setShow] = useState(false);
8    function handleClick() {
9      setShow(!show);
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 > src > components > card > card.css > .card .image
1
2  .card {
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
```

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"  
  },  
]
```

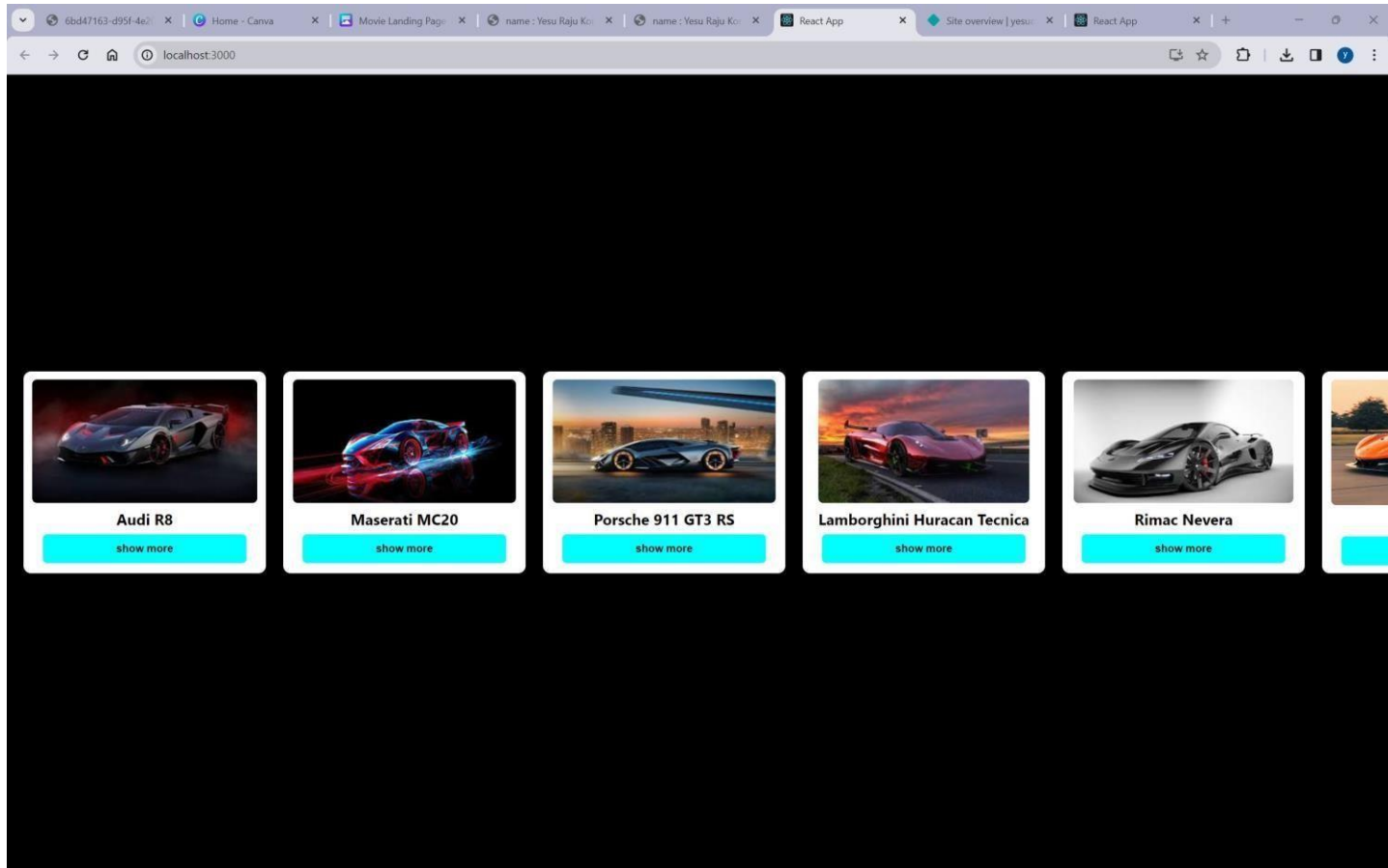
2 . Passing this card array to child (card component) of App component by using props;

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

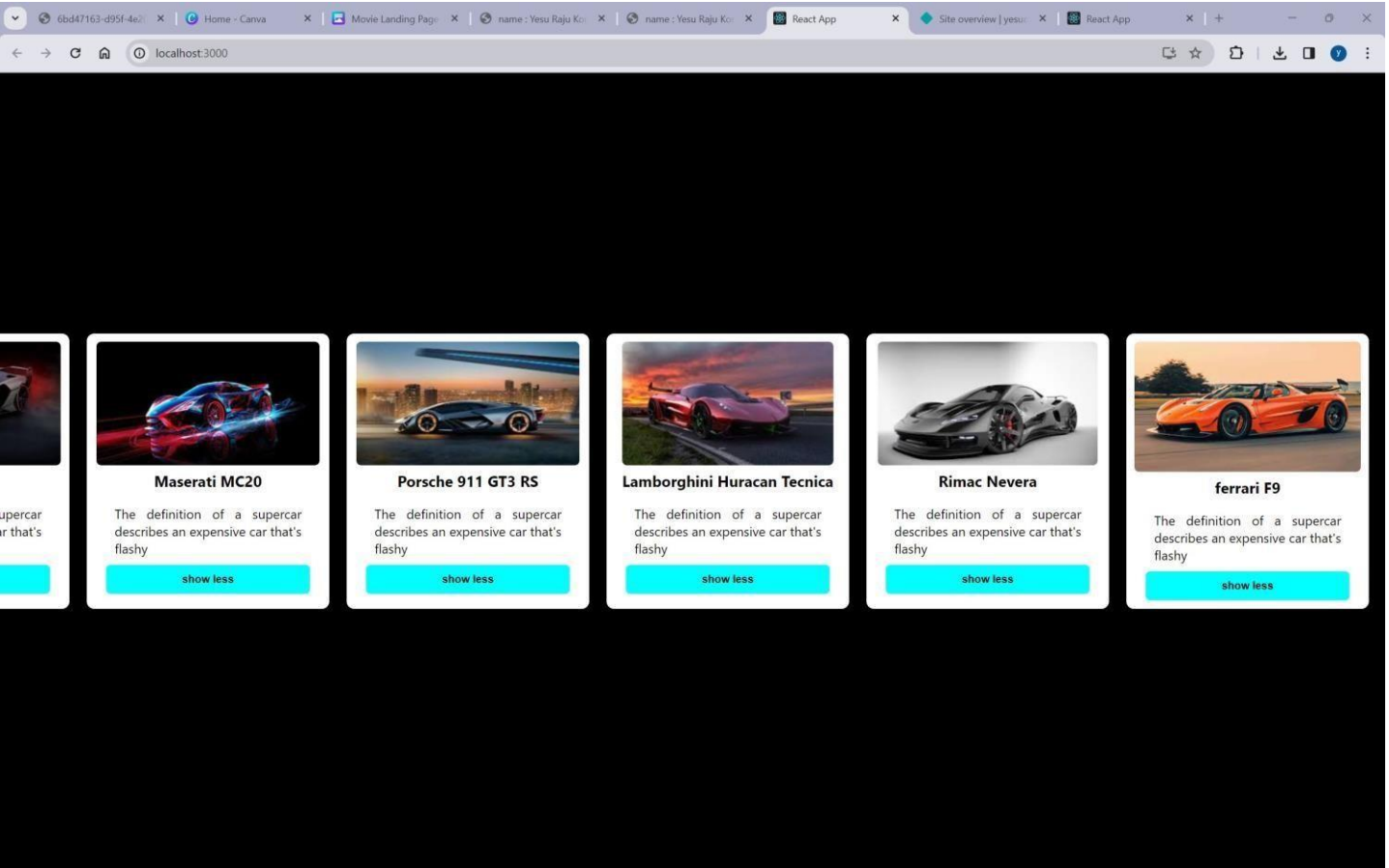
4 . in card component i use one state [show, set Show] to get extra info as description.

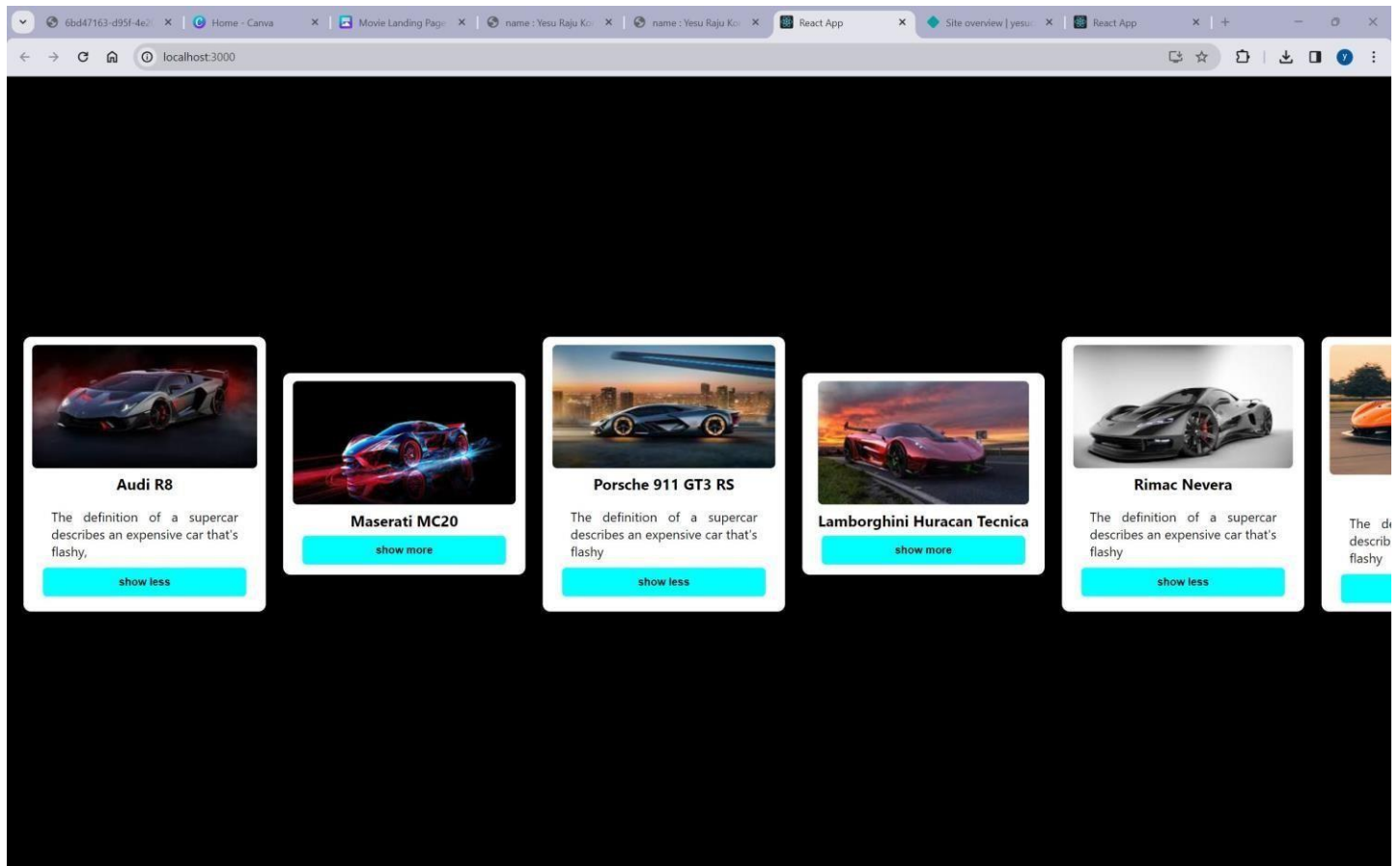
5 . When we click the button then show becomes true by assigning set Show (! show).

OUTPUT:



AFTER BUTTON CLICKS:





GitHub link:

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

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