React.js Component Creation

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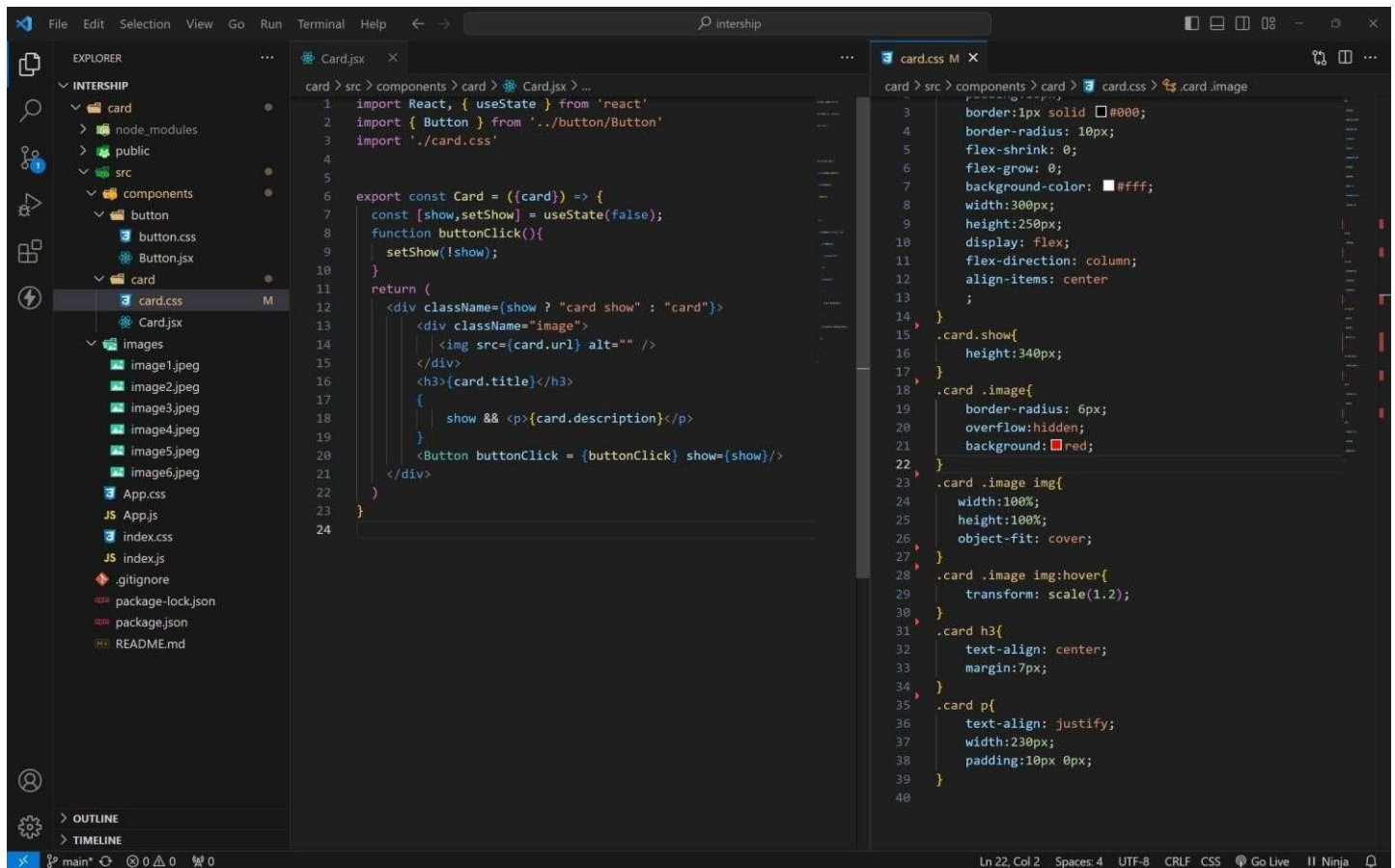
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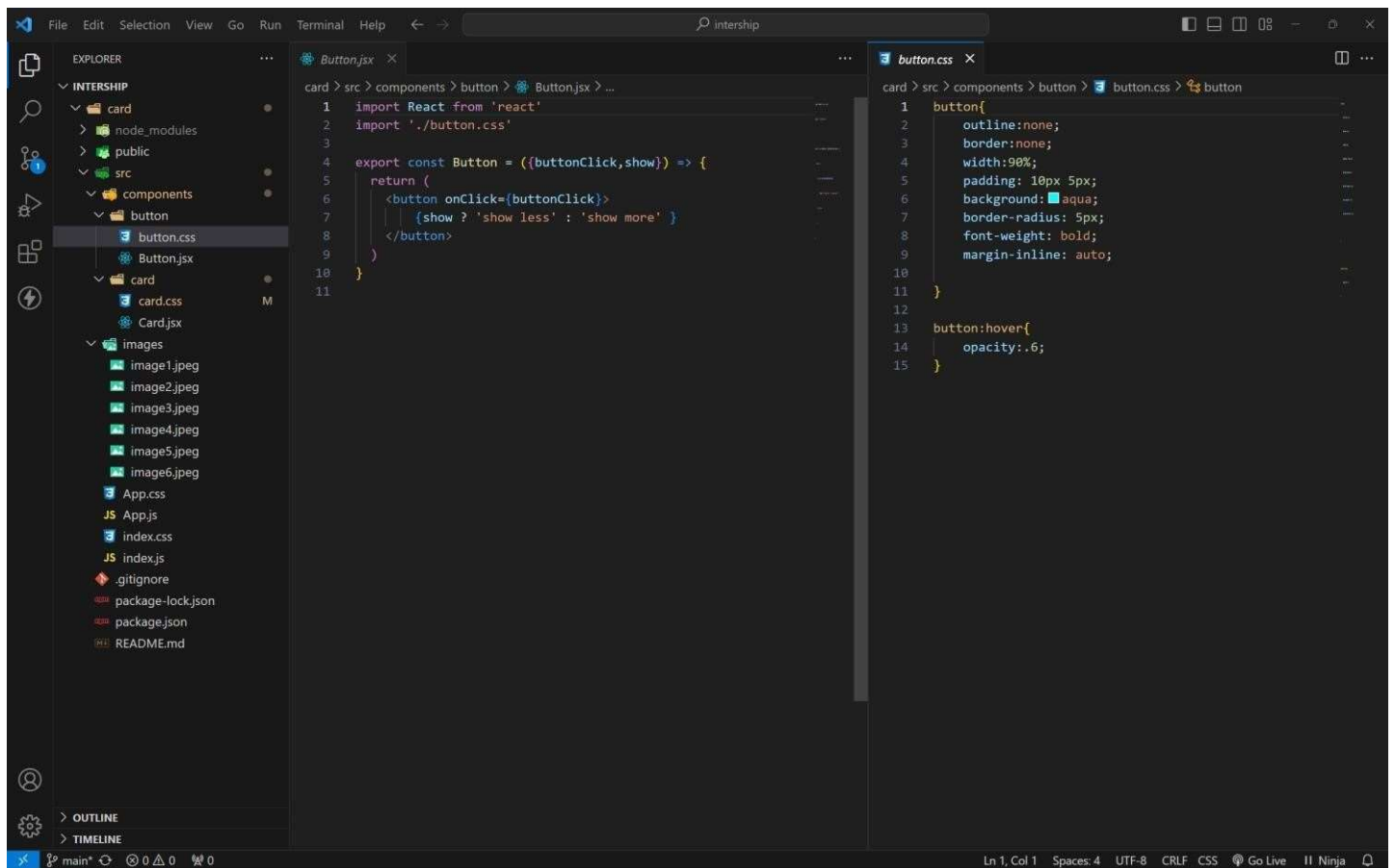
Source Code:

CARD COMPONENT:


```jsx
import React, { useState } from 'react'
import { Button } from '../button/Button'
import './card.css'


export const Card = ({card}) => {
    const [show,setShow] = useState(false);
    function buttonClick(){
        setShow(!show);
    }
    return (
        <div className={show ? "card show" : "card"}>
            <div className="image">
                <img src={card.url} alt="" />
            </div>
            <h3>{card.title}</h3>
            {
                show && <p>{card.description}</p>
            }
            <Button buttonClick = {buttonClick} show={show}/>
        </div>
    )
}
```
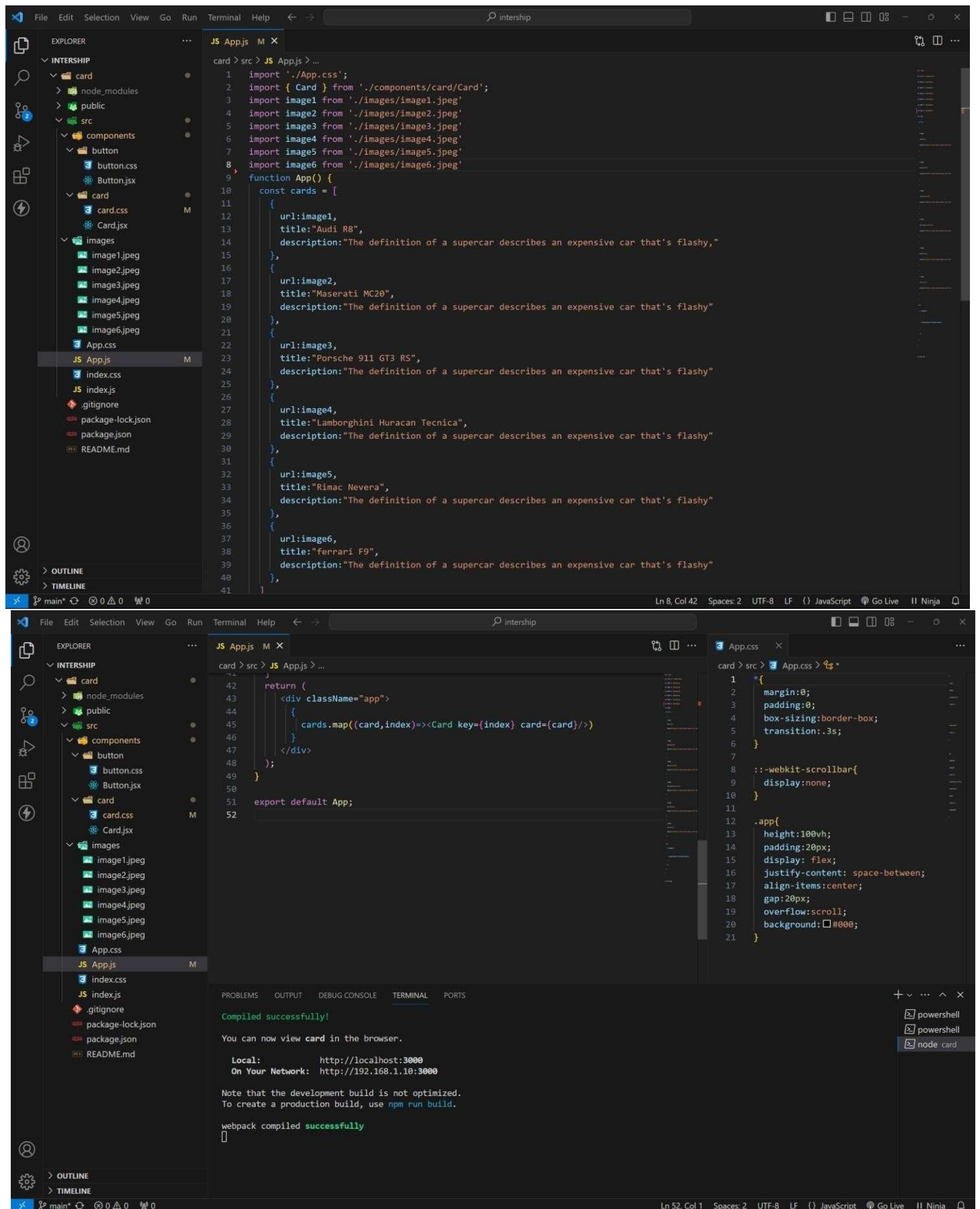
```css
    border:1px solid #000;
    border-radius: 10px;
    flex-shrink: 0;
    flex-grow: 0;
    background-color: #fff;
    width:300px;
    height:250px;
    display: flex;
    flex-direction: column;
    align-items: center
    ;
}
.card.show{
    height:340px;
}
.card .image{
    border-radius: 6px;
    overflow:hidden;
    background: red;
}
.card .image img{
    width:100%;
    height:100%;
    object-fit: cover;
}
.card .image img:hover{
    transform: scale(1.2);
}
.card h3{
    text-align: center;
    margin:7px;
}
.card p{
    text-align: justify;
    width:230px;
    padding:10px 0px;
}
```

BUTTON COMPONENT:

EXPLORER

∨ INTERSHIP
∨ card
  > node_modules
  > public
  ∨ src
    ∨ components
      ∨ button
        button.css
        Button.jsx
      ∨ card
        card.css   M
        Card.jsx
    ∨ images
      image1.jpeg
      image2.jpeg
      image3.jpeg
      image4.jpeg
      image5.jpeg
      image6.jpeg
    App.css
    JS App.js
    index.css
    JS index.js
    .gitignore
    package-lock.json
    package.json
    README.md

> OUTLINE
> TIMELINE

Button.jsx

card > src > components > button > Button.jsx > ...

```
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
```

button.css

card > src > components > button > button.css > button

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

Ln 1, Col 1   Spaces: 4   UTF-8   CRLF   CSS   Go Live   Ninja

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"
  },
]
```
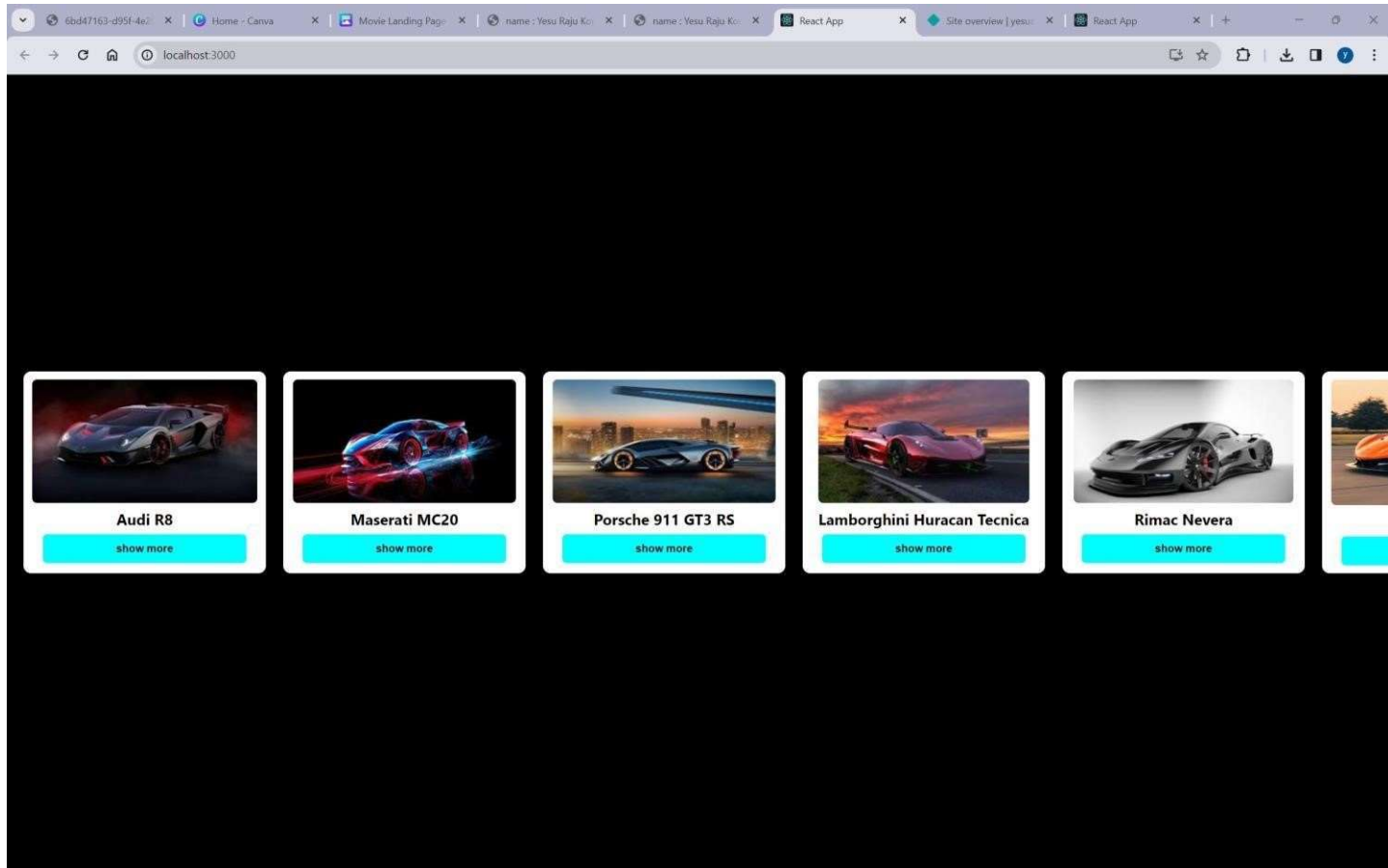
2 . Passing this card array to child (card component) of App component by using props;

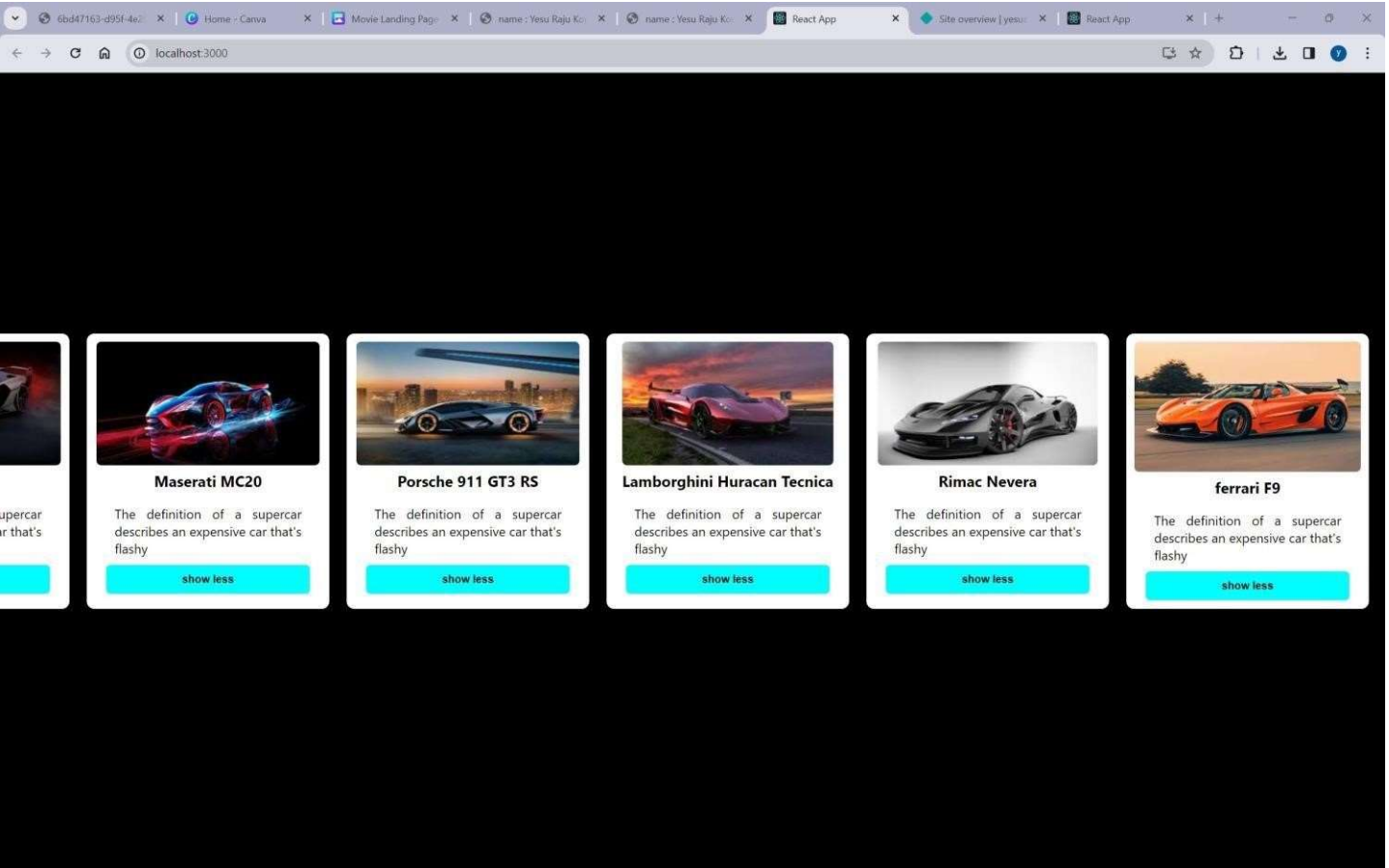**3 . getting data as argument like {card} in card component.**

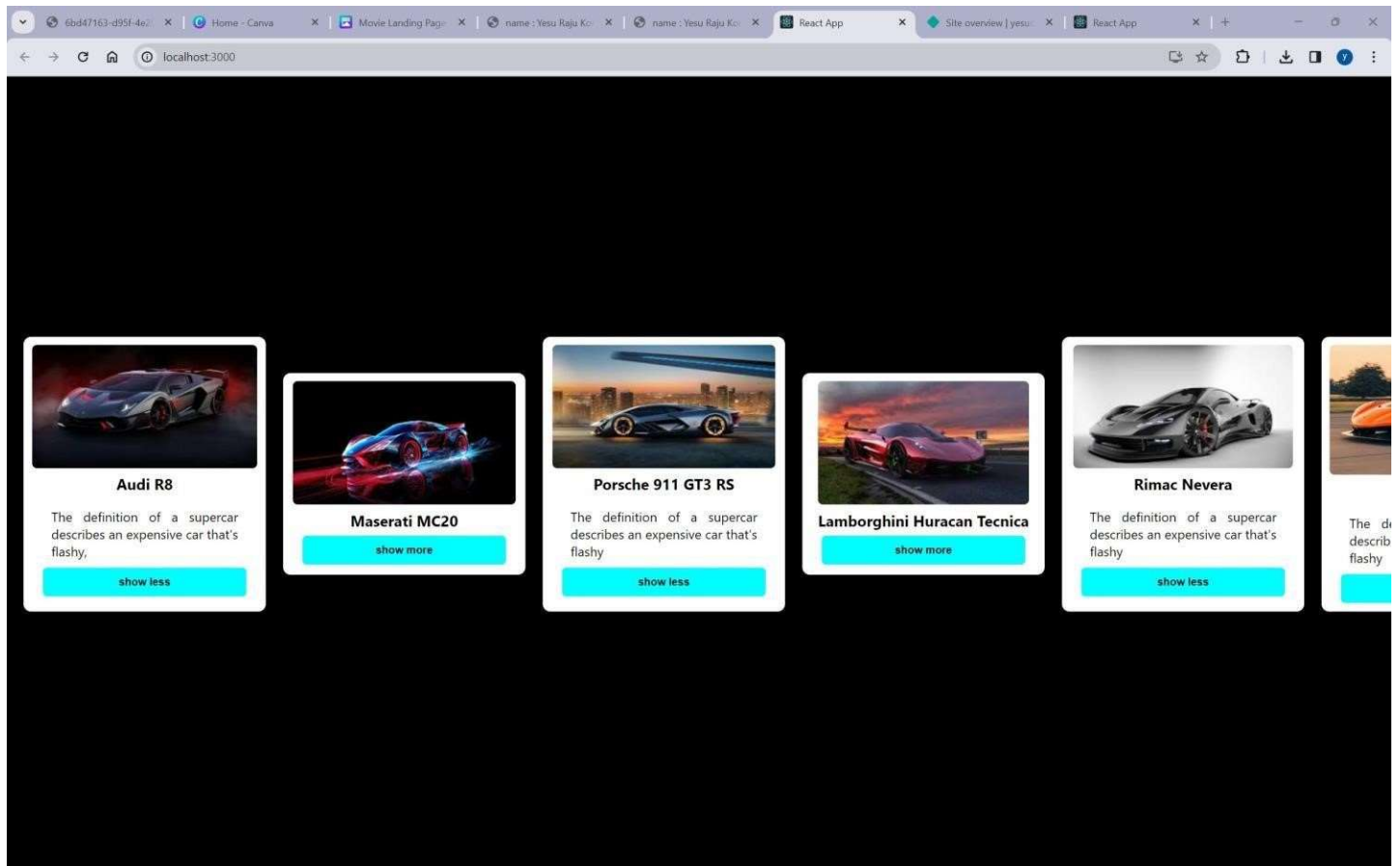**4 . in card component i use one state [show, set Show] to get extra info as description.**

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