React.js Component Creation

Name : Sreerama Threeveni

Email : threevenisreeram@gmail.com

Phone no : 9515061710

Roll NO : 20HU1A0411

College Name: Chebrolu engineering college

source code:

CARD COMPONENT:

```
File Edit Selection View Go Run Terminal Help
                                                                                                                                                  3 card.css M ×
                                                                                                                                                                  th □ ...
                                  card > src > components > card > 🥫 card.css > ધ .card .image
                                     import React, { useState } from 'react'
import { Button } from '../button/Button'
import './card.css'
     ∨ 📹 card
                                                                                                                      border-radius: 10px;
       > 🗱 public
                                                                                                                      flex-grow: 0;
                             width:300px;
                                                                                                                      display: flex;
flex-direction: column;
        .card.show{
height:340px;
                                                     <img src={card.url} alt="" />
          image1.jpeg
          image2.jpeg
                                                                                                                   .card .image{
          image3.jpeg
                                                                                                                      overflow:hidden
          image4.jpeg
           image5.jpeg
          image6.jpeg
          App.css
                                                                                                                     width:100%;
          JS App.js
                                                                                                                     height:100%;
          index.css
          JS index.is
         .aitianore
                                                                                                                      transform: scale(1.2);
          package-lock.json
           package.json
                                                                                                                   .card h3{
text-align: center;
                                                                                                                      margin:7px;
                                                                                                                      text-align: justify;
                                                                                                                      padding:10px 0px;
    > OUTLINE
    > TIMELINE
                                                                                                                        Ln 22, Col 2 Spaces: 4 UTF-8 CRLF CSS @ Go Live II Ninja
  $º main* ↔ ⊗ 0 🛦 0 🐒 0
```

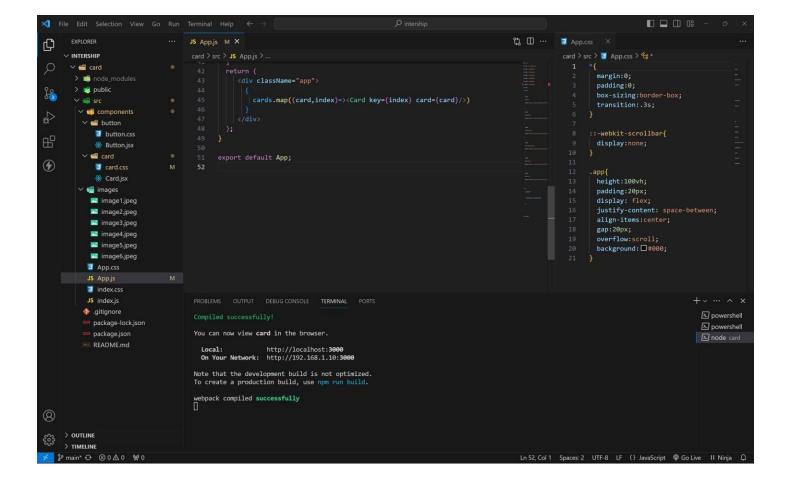
BUTTON COMPONENT:

```
🛪 File Edit Selection View Go Run Terminal Help ←
                                                                                                                                                     ■ button.css ×
<sub>C</sub>
                                                                                                               card > src > components > button > 🥫 button.css > ધ button
      ∨ 📹 card
                                      import React from 'react'
import './button.css'
                                                                                                                    button{
                                                                                                                        border:none;
width:90%;
                                           export const Button = ({buttonClick,show}) => {
                                                                                                                         padding: 10px 5px;
background: ■ aqua;
        button.css
                                                                                                                         font-weight: bold;
                                                                                                                         margin-inline: auto;
            Button.jsx
         ∨ 📹 card
           card.css
            button:hover{
        image1.jpeg
           image2.jpeg
           image3.ipeg
           image4.ipeg
           mage5.jpeg
           image6.jpeg
          App.css
          JS App.js
          index.css
          .gitignore
           package-lock.json
(8)
    > OUTLINE
5633
     > TIMELINE
   $º main* ↔ ⊗ 0 🛦 0 🐕 0
                                                                                                                           Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS @ Go Live II Ninja
```

APP COMPONENT:

```
X File Edit Selection View Go Run Terminal Help
                                                                                                                                                                                                                                           th III ...
凸
                                                 JS App.js M X
                                                            import './App.css';
import { Card } from './components/card/Card';
import image1 from './images/image1.jpeg'
import image2 from './images/image2.jpeg'
import image3 from './images/image3.jpeg'
        > 🗱 public
8
                                                            import image4 from './images/jmage4.jpeg'
import image5 from './images/image5.jpeg'
import image6 from './images/image6.jpeg'
d 
                  utton.css
                                                             function App() {
  const cards = [
              card.css
                                                                     title: "Audi R8", description: "The definition of a supercar describes an expensive car that's flashy,"
            ∨ 🖷 images
                image1.jpeg
                image2.jpeg
                🔣 image3.jpeg
                🔣 image4.jpeg
                image5.jpeg
               image6.jpeg
              App.css
                                                                     url:image3,
                                                                     title: "Ponsche 911 GT3 RS",

description: "The definition of a supercar describes an expensive car that's flashy"
              JS App.js
               index.css
               JS index.is
              aitianore.
                                                                    url:image4,
title:"Lamborghini Huracan Tecnica",
                package-lock.json
                package.json
                                                                     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"
                                                                     title:"ferrari F9",
description:"The definition of a supercar describes an expensive car that's flashy"
       > OUTLINE
      > TIMELINE
    $° main* ↔ ⊗ 0 🛦 0 🐕 0
                                                                                                                                                                       Ln 8, Col 42 Spaces: 2 UTF-8 LF {} JavaScript @ Go Live II Ninja
```



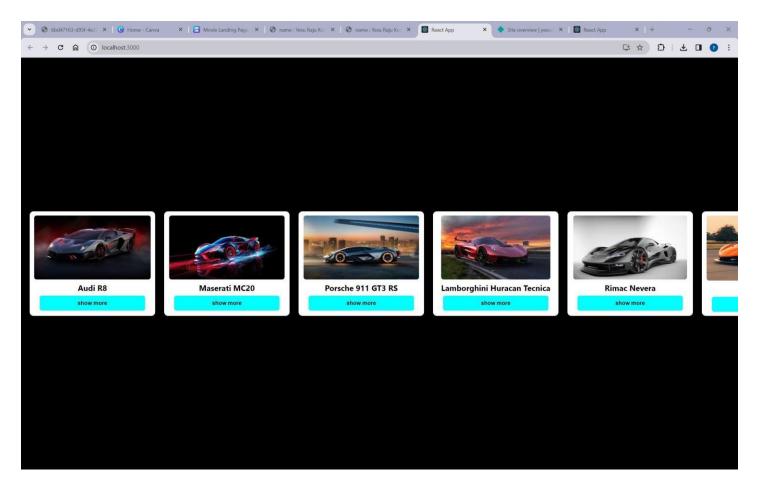
approach:

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, setShow] to get extra info as description.
- 5. When we click the button then show becomes true by assigning setShow (!show).

OUTPUT:



AFTER BUTTON CLICKS:

