React.js Component Creation

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source code:

CARD COMPONENT:

```
X File Edit Selection View Go Run Terminal Help
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ც ⊞ ...
                                                                                                                                                                                                                                                                                                                                                                                                             card > src > components > card > 🕫 card.css > 😘 .card .image
                                                                                                                                          import React, { useState } from 'react'
import { Button } from '../button/Button'
import './card.css'
                                                                                                                                                                                                                                                                                                                                                                                                                                                  border-radius: 10px;
                           > 🕦 public
                                                                                                                                                                                                                                                                                                                                                                                                                                                   flex-grow: 0;
background-color: ■#fff;
                                                                                                                                5
6 export const Card = ({card}) => {
7     const [show,setShow] = useState(false);
8     function buttonClick(){
9     | setShow(!show);
                                                                                                                                                                                                                                                                                                                                                                                                                                                   width:300px;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   height:250px;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   flex-direction: column;
④
                                                                                                                                                                         .card.show{
height:340px;
                               ∨ 🖷 images
                                                                                                                                                                 </div>
<h3>{card.title}</h3>
{
                                        image2.jpeg
                                        image3.jpeg
                                        image4.jpeg
                                                                                                                                                                                                                                                                                                                                                                                                                                                   overflow:hidden:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   background: ☐ red;
                                        image5.jpeg
                                                                                                                                                                                       <Button buttonClick = {buttonClick} show={show}/>
                                        image6.jpeg
                                      ■ App.css
                                      JS App.js
                                                                                                                                                                                                                                                                                                                                                                                                                                                height:100%;
                                      index.css
                                      JS index.is
                                   .aitianore
                                                                                                                                                                                                                                                                                                                                                                                                                                                   transform: scale(1.2);
                                           package-lock.ison
                                        package.json
                                                                                                                                                                                                                                                                                                                                                                                                                                         .card h3{
text-align: center;
                                                                                                                                                                                                                                                                                                                                                                                                                                         .card p{
text-align: justify;
                                                                                                                                                                                                                                                                                                                                                                                                                                                   padding:10px 0px;
Son > OUTLINE
                 > TIMELINE

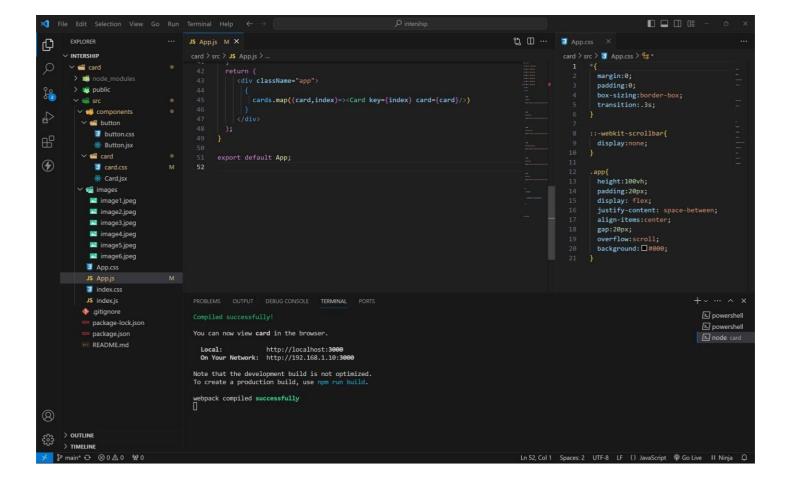
$\mathrew{Y} \mathrew{Y} \mathrew{Y}
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ln 22, Col 2 Spaces: 4 UTF-8 CRLF CSS @ Go Live II Ninja
```

BUTTON COMPONENT:

```
	imes File Edit Selection View Go Run Terminal Help \leftarrow
                                                                                                                                                         ■ button.css ×
(C)
                                                                                                                                 nents > button > 🥫 button.css > ધ butto
      ∨ 📹 card
                                       import React from 'react'
import './button.css'
       > 📭 node
H
                                            export const Button = ({buttonClick,show}) => {
                                                                                                                            padding: 10px 5px;
background: ■ aqua;
        font-weight: bold;
           utton.css
                                                                                                                            margin-inline: auto;
            Button.jsx
          card.css
             @ Card.isx
                                                                                                                        button:hover{
         image1.jpeg
           image2.jpeg
           image3.ipeg
           image4.jpeg
           mage5.jpeg
           image6.jpeg
           App.css
          JS App.js
           index.css
          .gitignore
           package-lock.json
(8)
    > OUTLINE
565
     > TIMELINE
   % main* ↔ ⊗ 0 🛦 0 👾 0
                                                                                                                               Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS @ Go Live II Ninja
```

APP COMPONENT:

```
★ File Edit Selection View Go Run Terminal Help
                                                                                                                                                                                                                                                            th Ⅲ ...
(C)
                                                      JS App.js M X
                                                                src > JS Appjs > ...
import './App.css';
import { Card } from './components/card/Card';
import image1 from './images/image1.jpeg'
import image2 from './images/image3.jpeg'
import image3 from './images/image3.jpeg'
import image4 from './images/image4.jpeg'
import image5 from './images/image5.jpeg'
import image6 from './images/image6.jpeg'
function App() {
         ∨ 📹 card
           > 🗱 public
62
              ∨ 📹 button
                   utton.css
                                                                  function App() {
               🗸 📹 card
                  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
                                                                          title: "Maserati MC20", description: "The definition of a supercar describes an expensive car that's flashy"
                 image4.jpeg
                 image5.jpeg
                image6.jpeg
               ■ App.css
                                                                          url:image3,
                                                                          title:"Porsche 911 GT3 RS", description:"The definition of a supercar describes an expensive car that's flashy"
                index.css
                JS index.is
               .aitianore
                                                                         url:image4,
title:"Lamborghini Huracan Tecnica",
description:"The definition of a supercar describes an expensive car that's flashy"
                 package-lock.json
                 package.json
                                                                          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
```



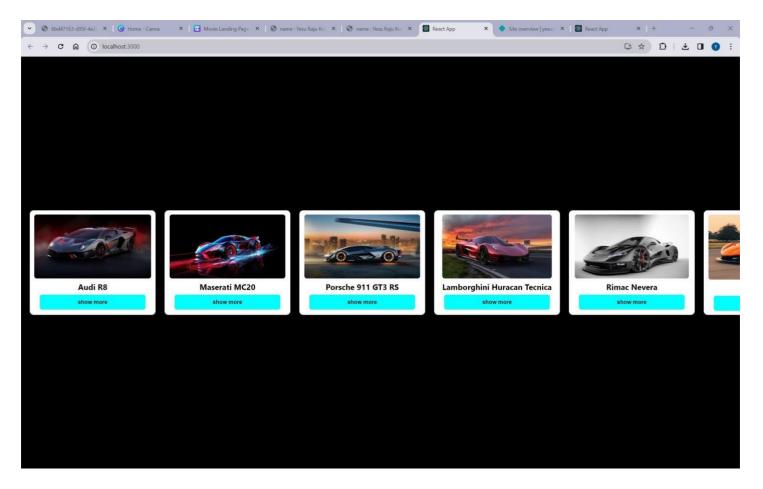
approach:

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,
   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:

