# **React.js Component Creation**

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# source code:

## **CARD COMPONENT:**

```
th Ⅲ ...
(C)
                                          card > src > components > card > @ Cardjsx > ...
1 import React, { useState } from 'react'
2 import { Button } from '../button/Button'
3 import './card.css'
                                                                                                                                  card > src > components > card > 🥫 card.css > 😭 .card .image
                                                                                                                                         border:1px solid □#000;
      ∨ 📹 card
                                                                                                                                            border-radius: 10px;
                                                                                                                                            flex-grow: 0;
                                                                                                                                            background-color: ☐#fff;
                                                                                                                                            width:300px;
                                                  const [show,setShow] = useState(false);
function buttonClick(){
                                                                                                                                            display: flex;
flex-direction: column;
                                                                                                                                             align-items: center
                                                      .card.show{
height:340px;
          ∨ 📹 images
             image1.jpeg
             image2.jpeg
             image3.jpeg
                                                                                                                                             overflow:hidden;
             image4.jpeg
             image5.jpeg
             image6.jpeg
            ₹ App.css
                                                                                                                                            width:100%;
            JS App.js
            index.css
            JS index.js
           .gitignore
                                                                                                                                             transform: scale(1.2);
            package-lock.json
             package.json
                                                                                                                                         .card h3{
   text-align: center;
             README.md
                                                                                                                                              margin:7px;
                                                                                                                                             text-align: justify;
                                                                                                                                              padding:10px 0px;
     > OUTLINE
      > TIMELINE
                                                                                                                                               Ln 22, Col 2 Spaces: 4 UTF-8 CRLF CSS P Go Live II Ninja
   $ main* → ⊗ 0 <u>M</u> 0
```

#### **BUTTON COMPONENT:**

```
📢 File Edit Selection View Go Run Terminal Help
      EXPLORER.
                                                                                                                  O
     ∨ INTERSHIP
                                                                                                                  card > src > components > button > 🧧 button.css > 😭 button
                                       import React from 'react'
import './button.css'
      buttonf
       > node_module:
                                                                                                                            border:none
width:90%;
       > 🜃 public
H
                                                                                                                             padding: 10px 5px;
background: ■aqua;
        <button onClick={buttonClick}>
         button.css
                                                                                                                             font-weight: bold:
                                                                                                                             margin-inline: auto;
            Button.jsx
          (4)
            card.css
            Card.isx
         image1.jpeg
           image2.jpeg
           image3.jpeg
           image4.jpeg
           image5.jpeg
           image6.jpeg
          App.css
          JS App.is
          index.css
          JS index.js
            package-lock.json
           package.json
          README.md
    > OUTLINE
     > TIMELINE
  $º main* ↔ ⊗ 0 🛆 0 🕍 0
                                                                                                                               Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS @ Go Live II Ninja
```

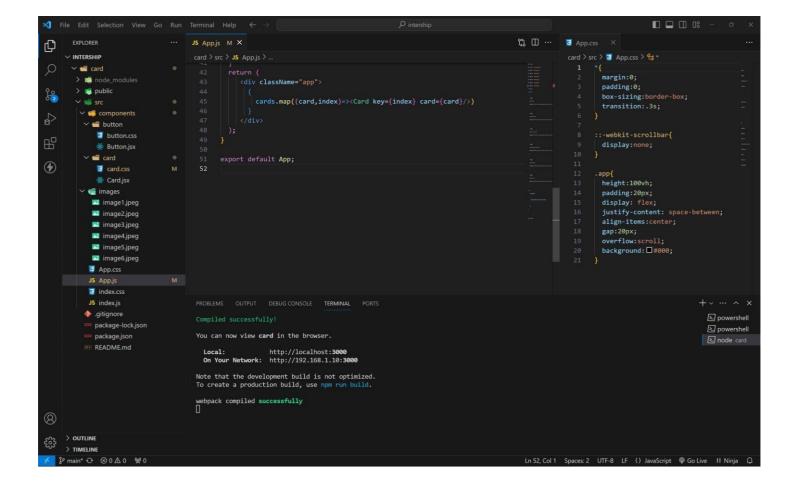
#### **APP COMPONENT:**

```
EXPLORER
                                                                                                                                                                                                                                                  ₩ 🗆 ...
O
       ∨ INTERSHIP
                                                             import ./App.css';
import { Card } from './components/card/Card';
import image1 from './images/image1.jpeg'
import image2 from './images/image2.jpeg'
         ∨ d card
          > node
           > 🐞 public
<u>و</u>
           ∨ 🖏 src
                                                              import image2 from ',/images/image2.jpeg
import image4 from ',/images/image4.jpeg'
import image5 from ',/images/image5.jpeg'
import image6 from ',/images/image6.jpeg'
            d D
             ∨ € button
                 J button.css
                 Button.jsx

✓ 

    card

                 card.css
                                                                       url:image1,
title:"Audi R8",
description:"The definition of a supercar describes an expensive car that's flashy,"
                  Card.isx
            image1.jpeg
                image2.jpeg
                                                                       url:image2,
                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"
               JS App.is
               index.css
               JS index.js
              .gitignore
                                                                       url:image4,
                package-lock.json
                                                                      title: "Lamborghini Huracan Tecnica",
description: "The definition of a supercar describes an expensive car that's flashy"
                                                                       title: "Rimac Nevera", description: "The definition of a supercar describes an expensive car that's flashy"
       > OUTLINE
203
       > TIMELINE
                                                                                                                                                                            Ln 8, Col 42 Spaces: 2 UTF-8 LF {} JavaScript @ Go Live II Ninja
    $ main* ⊕ ⊗ 0 ∆ 0 (24) 0
```



# approach:

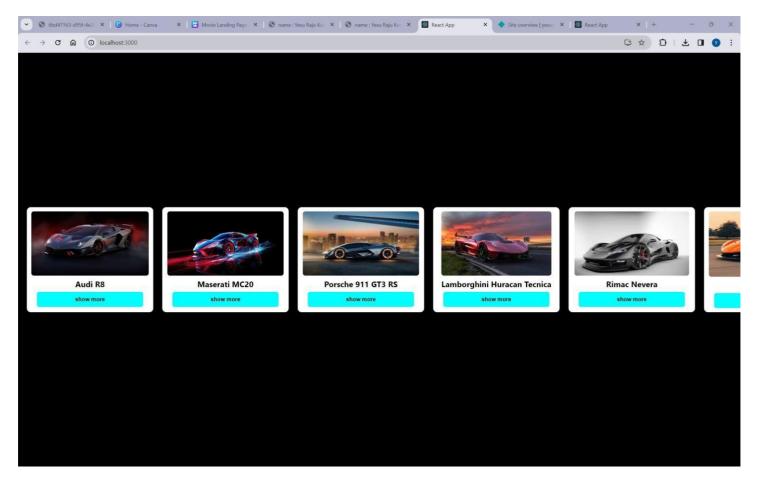
1. initially taking an array of objects like below

```
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:**

