# **React.js Component Creation**

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# **Source Code:**

## **CARD COMPONENT:**

```
භ III ···
   EXPLORER
                               ··· 💮 Card.jsx 🗡
                                                                                                                             3 card.css M X
                                     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 > 3 card.css > 4 .card .image
  ∨ INTERSHIP
  ∨ d card
                                                                                                                                         border:1px solid □#000;
    > node modules
                                                                                                                                         border-radius: 10px;
flex-shrink: 0;
    > 🗱 public
                                      5
6 export const Card = ({card}) => {
7     const [show,setShow] = useState(
8     function buttonClick(){
                                                                                                                                         background-color: ■#fff;

✓ 

✓ 

✓ 

Components

                                              const [show,setShow] = useState(false);
function buttonClick(){
        ∨ ≝ button
                                                                                                                                         height:250px;
        J button.css
                                                  setShow(!show):

₩ Button.jsx

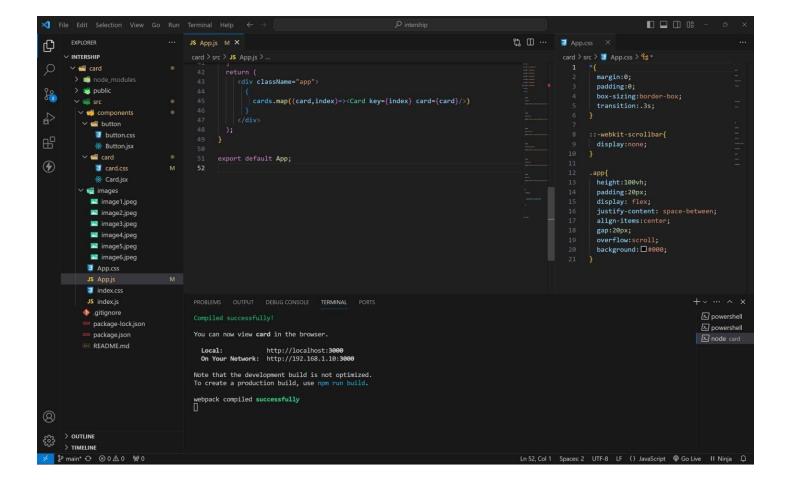
       align-items: center
        ☑ card.css M
         ∨ 🖷 images
                                                                                                                                         height:340px;
                                                 image1.jpeg
         image2.jpeg
         image3.jpeg
                                                                                                                                         overflow:hidden;
background: ■red;
                                                        <Button buttonClick = {buttonClick} show={show}/>
                                                                                                                                      .card .image img{
        App.css
                                                                                                                                        height:100%;
        index.css
                                                                                                                                     .card .image img:hover{
          package.json
        README md
                                                                                                                                         text-align: center:
                                                                                                                                         width:230px;
                                                                                                                                         padding:10px 0px;
 > OUTLINE
  > TIMELINE
$º main* ↔ ⊗ 0 🛦 0 🐕 0
                                                                                                                                           Ln 22, Col 2 Spaces: 4 UTF-8 CRLF CSS @ Go Live II Ninja
```

#### **BUTTON COMPONENT:**

```
★ File Edit Selection View Go Run Terminal Help ←
                                                                                                                                           ■ button.css ×
D
                                                                                                        card > src > components > button > 🥫 button.css > ધ button
      ∨ 📹 card
                                                                                                            button{
                                                                                                                border:none;
width:90%;
H
                                        export const Button = ({buttonClick,show}) => {
                                                                                                                 padding: 10px 5px;
background: ■ aqua;
        button.css
                                                                                                                 font-weight: bold;
                                                                                                                 margin-inline: auto;
           Button.jsx
         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
€
62
                                                            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
```



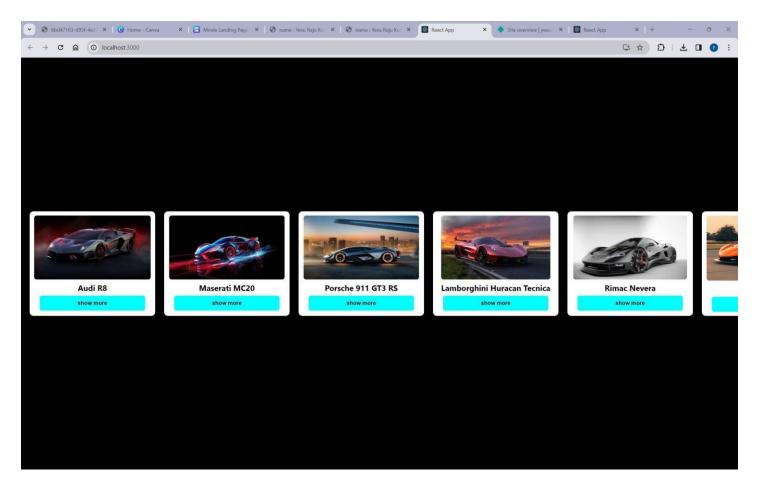
# Approach:

1. initially taking an array of objects like below

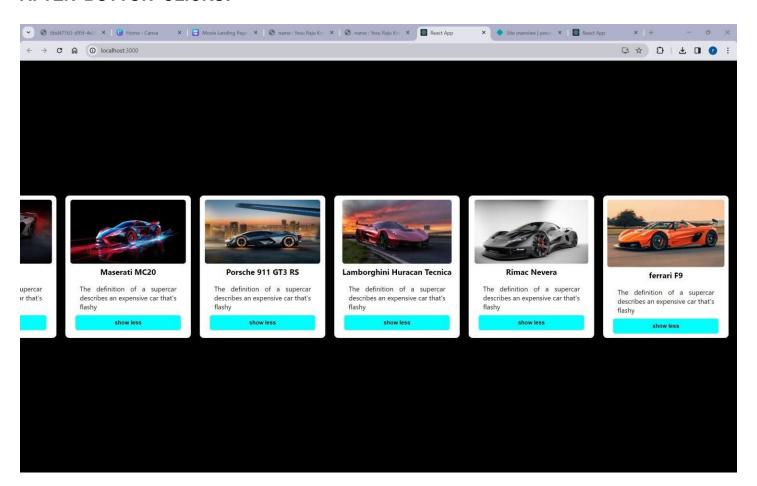
```
const cards = [
   url:image1,
   title: "Audi R8",
   description: "The definition of a supercar describes an expensive car that's flashy,"
   url:image2,
   title: "Maserati MC20",
   description:"The definition of a supercar describes an expensive car that's flashy"
   url:image3,
   description:"The 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"
```

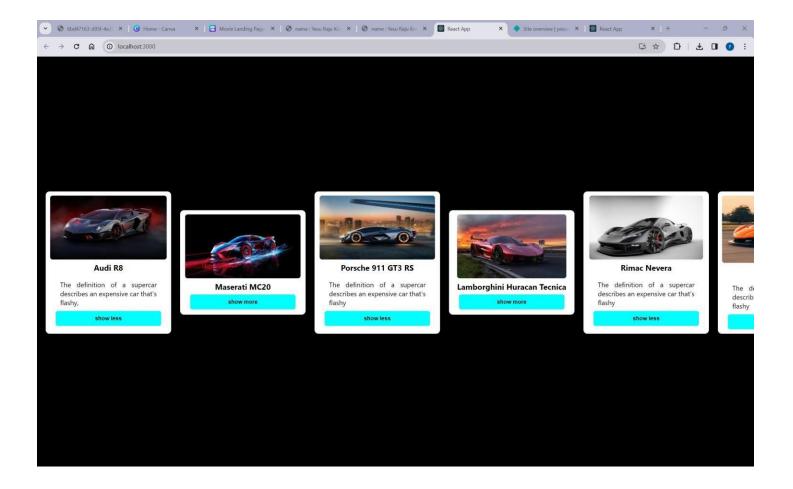
- 2. Passing this card array to child (card component) of App component by using props;
- 3 . getting data as argument like {card} in card component.
- 4 . in card component i use one state [show, set Show] to get extra info as description.
- 5. When we click the button then show becomes true by assigning set Show (! show).

### **OUTPUT:**



#### **AFTER BUTTON CLICKS:**





GitHub link: <a href="https://github.com/4727yesuraju/card">https://github.com/4727yesuraju/card</a>

live demo: <a href="https://yesucard.netlify.app">https://yesucard.netlify.app</a>