# React.js Component Creation

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## source code:

#### **CARD COMPONENT:**

```
🛪 File Edit Selection View Go Run Terminal Help ←
                                                                                                                                                                              card > src > components > card > 🥫 card.css > 😭 .card .image
                                             import React, { useState } from 'react'
import { Button } from '../button/Button'
import './card.css'
                                                                                                                                            border:1px solid □#000;
                                                                                                                                            border-radius: 10px;
                                         6 export const Card = ({card}) => {
7     const [show,setShow] = }
                                                                                                                                             flex-grow: 0;
                                                                                                                                             background-color: ■#fff;
                                                                                                                                             width:300px:
                                                  const [show,setShow] = useState(false);
function buttonClick(){
   setShow(!show);
                                                                                                                                            display: flex;
flex-direction: column;
          .card.show{
height:340px;

✓ ∰ images

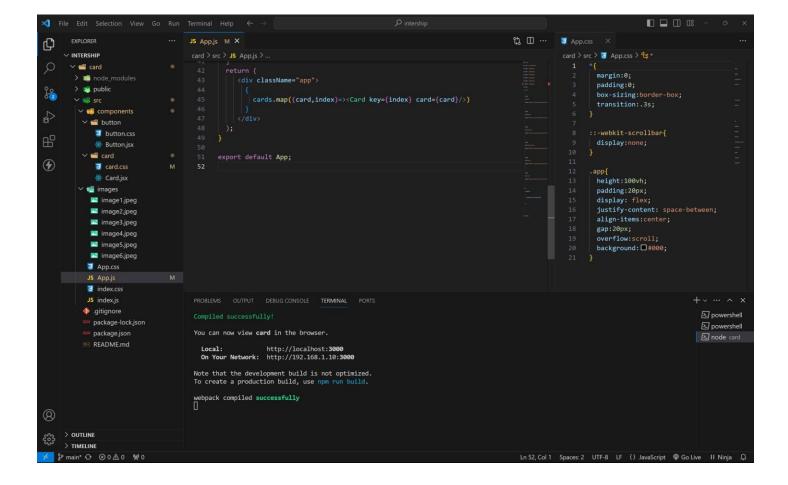
             image1.jpeg
             image2.jpeg
                                                                                                                                          .card .image{
                                                                                                                                           border-radius: 6px;
overflow:hidden;
             image3.jpeg
             image4.jpeg
                                                                                                                                             background: ☐ red;
             image5.jpeg
             image6.ipeg
            App.css
                                                                                                                                           width:100%:
            JS App.is
                                                                                                                                           height:100%;
            index.css
                                                                                                                                            object-fit: cover;
            JS index.is
           .gitignore
                                                                                                                                             transform: scale(1.2);
             package-lock.json
              package.json
                                                                                                                                         .card h3{
                                                                                                                                             margin:7px;
                                                                                                                                             text-align: justify:
                                                                                                                                             padding:10px 0px;
(2)
> OUTLINE
     > TIMELINE
Ln 22, Col 2 Spaces: 4 UTF-8 CRLF CSS @ Go Live II Ninja Q
```

#### **BUTTON COMPONENT:**

```
📢 File Edit Selection View Go Run Terminal Help
                                                                                                                                                                 D
                                                                                                                       3 button.css ×
       EXPLORER
                                      Button.jsx ×
                                                                                                                       card > src > components > button > 3 button.css > 4 button
      ∨ INTERSHIP
                                       card > src > components > button > @ Button.jsx > ...
      ∨ 📹 card
                                                                                                                                 outline:none;
        > node_modules
        > 🐹 public
                                                                                                                                  width:90%;
padding: 10px 5px;
         background: aqua;
$
         ∨ 📹 button
                                                                                                                                  border-radius: 5px;
           utton.css
                                                                                                                                  margin-inline: auto;
             card.css
         ∨ 🖷 images
                                                                                                                                  opacity:.6:
            image1.jpeg
            image2.jpeg
            🔣 image3.jpeg
            🔣 image4.jpeg
            image5.jpeg
            image6.jpeg
           App.css
           index.css
           JS index.js
          .gitignore
            package-lock.json
             package.json
           README.md
     > OUTLINE
253
     > TIMELINE
   % main* ↔ ⊗ 0 <u>A</u> 0 <u>₩</u> 0
                                                                                                                                     Ln 1, Col 1 Spaces: 4 UTF-8 CRLF CSS @ Go Live II Ninja
```

#### **APP COMPONENT:**

```
刘 File Edit Selection View Go Run Terminal Help 🗧
                                                                                                                                                                                                           ზ 🏻 ...
<sub>C</sub>
        EXPLORER
       ∨ INTERSHIP
                                                         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'
import image3 from './images/image3.jpeg'
        ∨ d card
         > node modules
          > 🐹 public
£€
          ∨ 🖏 src
            import image4 from './images/image4.jpeg
                                                          import image5 from './images/image5.jpeg
import image6 from './images/image6.jpeg
             ∨ ≝ button
                J button.css
                                                          function App() {
  const cards = [
                Button.jsx
             card.css
                                                                  url:image1,
                 V 🚮 images
                                                                  description: "The definition of a supercar describes an expensive car that's flashy."
               image1.jpeg
               image2.jpeg
                                                                  url:image2,
               mage3.jpeg
               image4.jpeg
                                                                  description: "The definition of a supercar describes an expensive car that's flashy"
               image5.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
                package-lock.json
                                                                  title:"Lamborghini Huracan Tecnica",
description:"The definition of a supercar describes an expensive car that's flashy"
                package.json
              README md
                                                                  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"
5633
    $º main* ↔ ⊗ 0 🛦 0 🐕 0
```



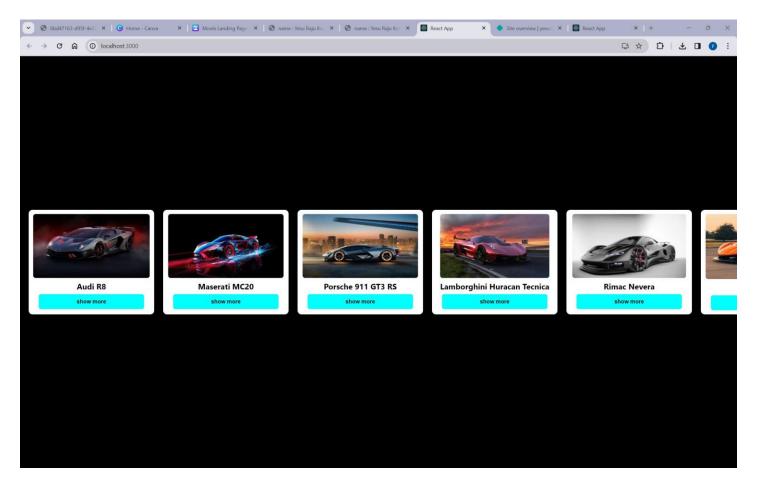
### approach:

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:**

