

# REACT.JS COMPONENT CREATION

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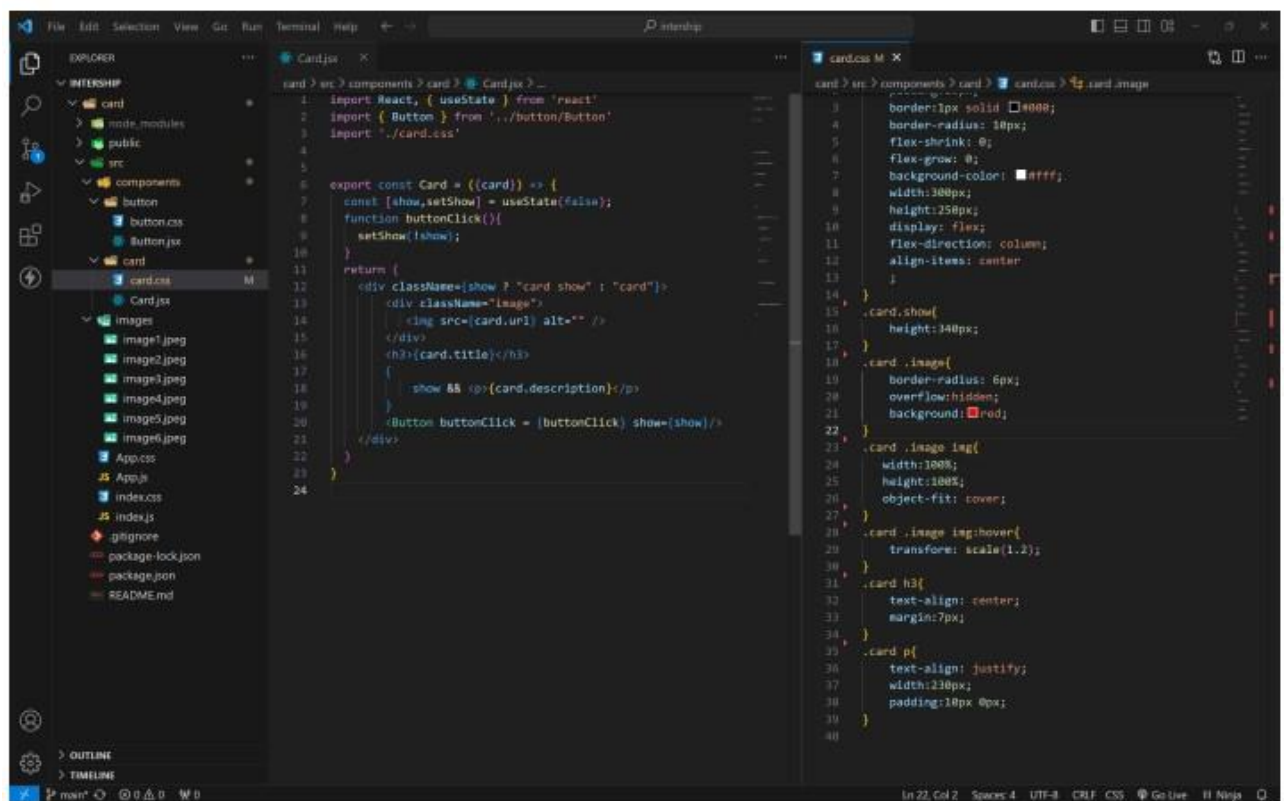
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## source code :

### CARD COMPONENT :

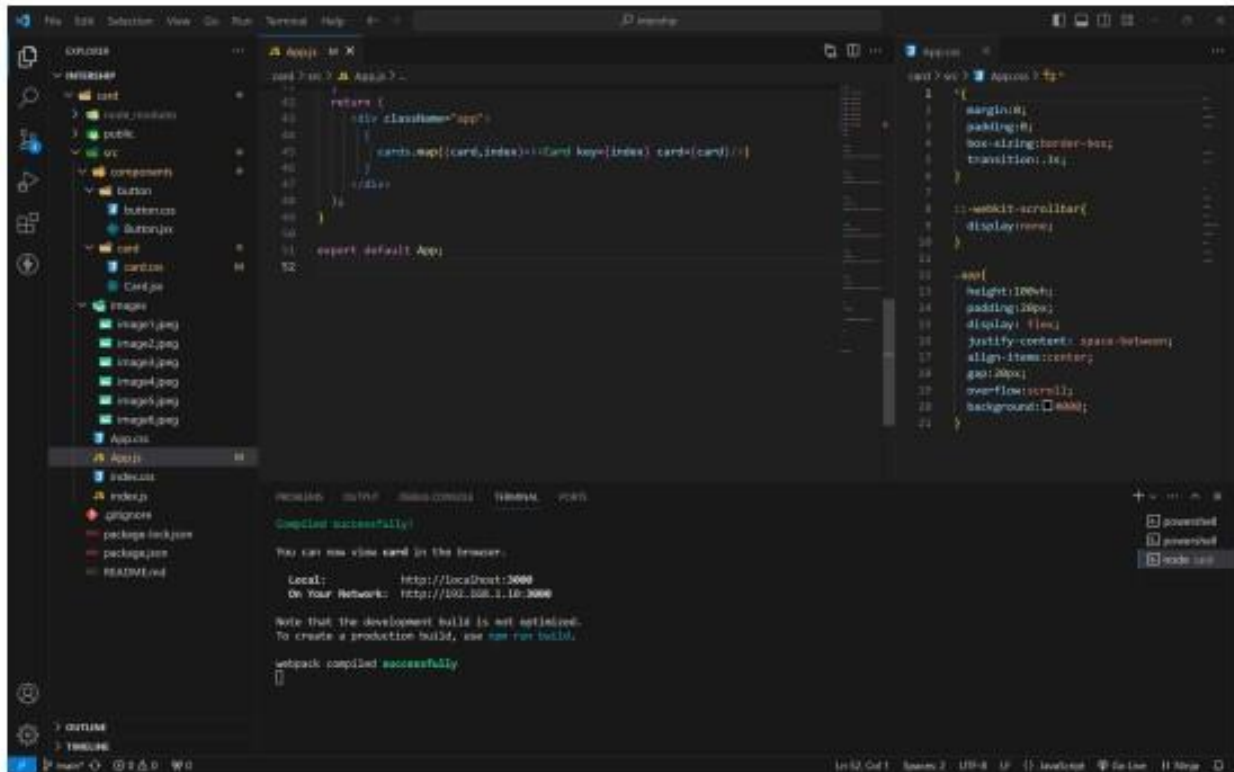


```
1 import React, { useState } from 'react'
2 import { Button } from '../button/Button'
3 import './card.css'
4
5 export const Card = ({card}) => {
6   const [show, setShow] = useState(false);
7   function handleClick() {
8     setShow(!show);
9   }
10  return (
11    <div className={show ? 'card show' : 'card'}>
12      <div className="image">
13        <img src={card.url} alt="" />
14      </div>
15      <h3>{card.title}</h3>
16      <div>
17        {show && <p>{card.description}</p>}
18      </div>
19      <Button handleClick={handleClick} show={show}/>
20    </div>
21  )
22 }
23
24
```

```
1 .card {
2   border: 1px solid #000;
3   border-radius: 10px;
4   flex-shrink: 0;
5   flex-grow: 0;
6   background-color: #fff;
7   width: 300px;
8   height: 250px;
9   display: flex;
10  flex-direction: column;
11  align-items: center;
12 }
13
14 .card.show {
15   height: 340px;
16 }
17
18 .card .image {
19   border-radius: 6px;
20   overflow: hidden;
21   background: #f0f0f0;
22 }
23
24 .card .image img {
25   width: 100%;
26   height: 100%;
27   object-fit: cover;
28 }
29
30 .card .image img:hover {
31   transform: scale(1.2);
32 }
33
34 .card h3 {
35   text-align: center;
36   margin: 7px;
37 }
38
39 .card p {
40   text-align: justify;
41   width: 230px;
42   padding: 10px 0px;
43 }
44
```

### BUTTON COMPONENT :





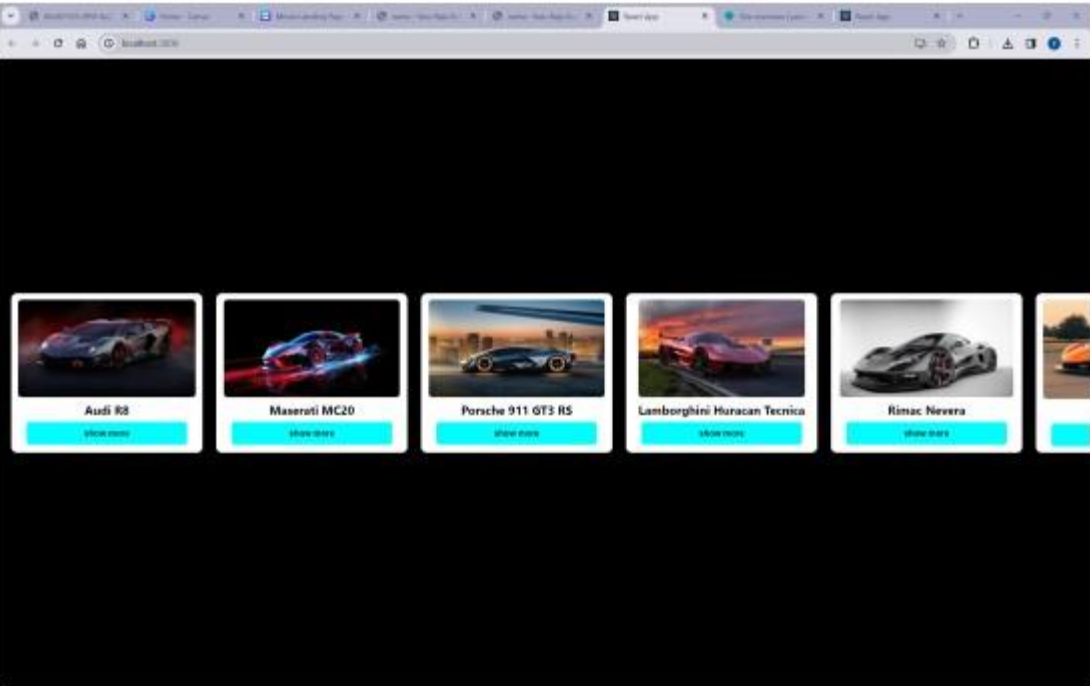
approach :

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 :

