React.js Component Creation

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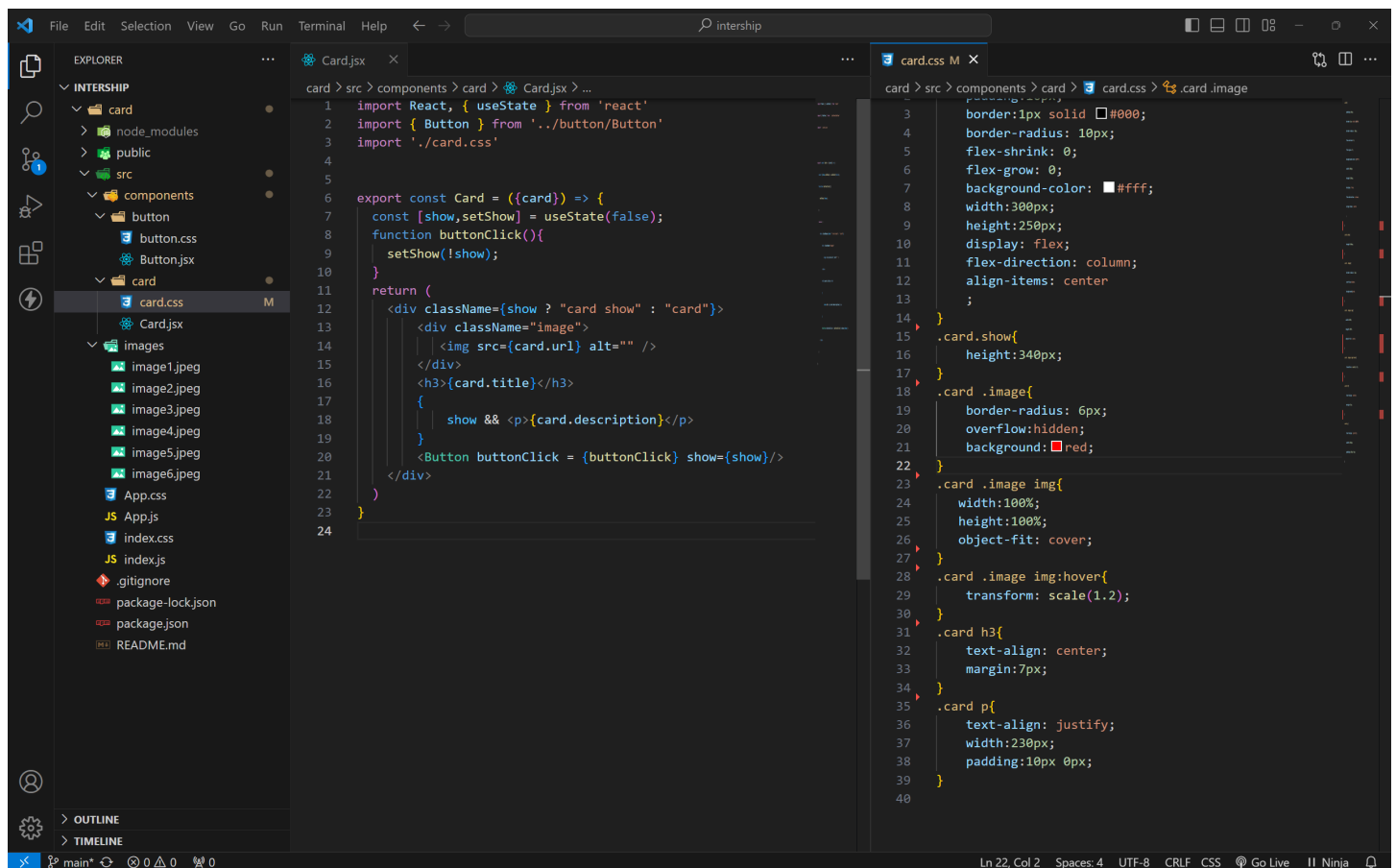Email   : rhemakommu999@gmail.com

Phone no   : 8688519377

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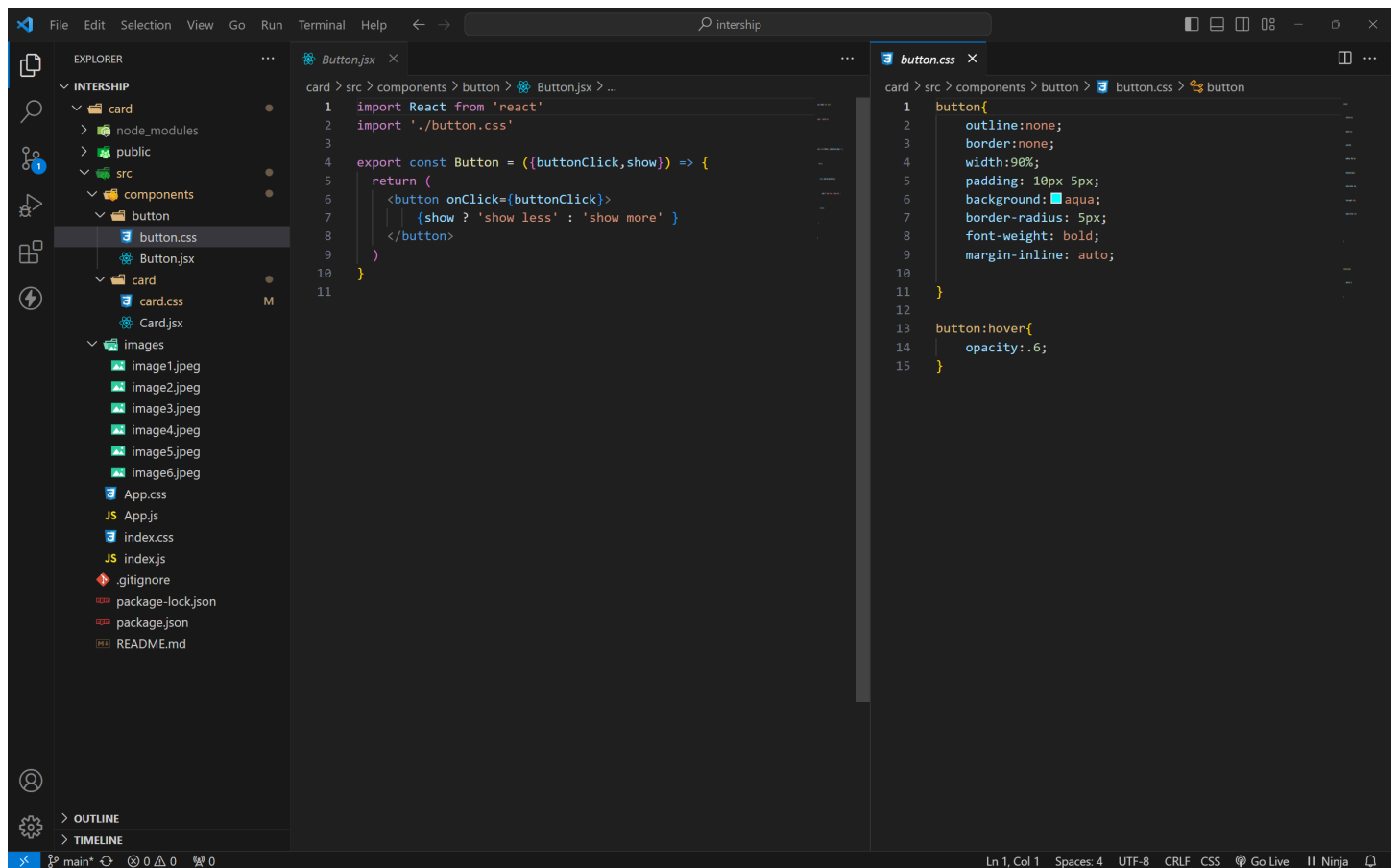College name   : Chirala Engineering College

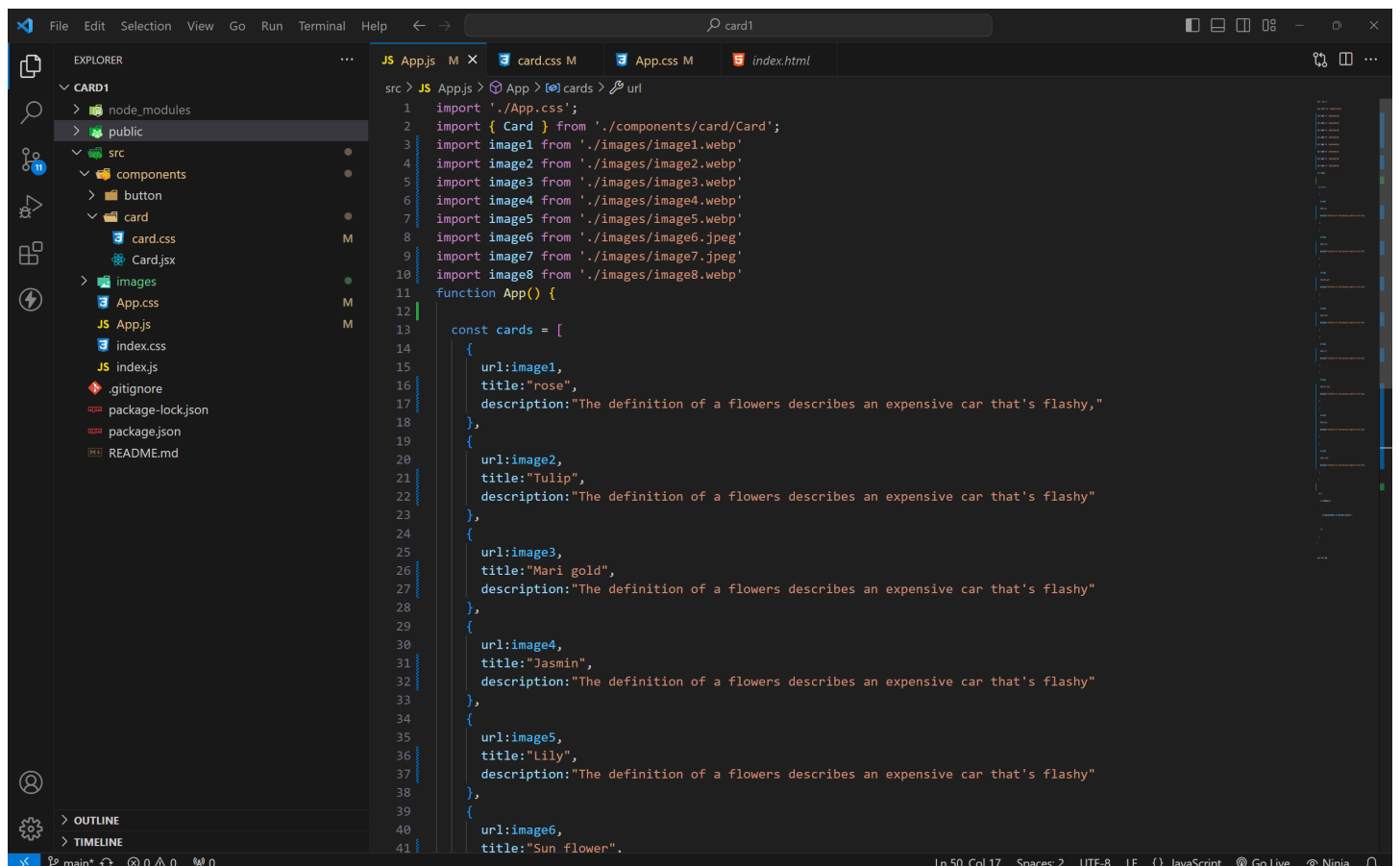## source code :

CARD COMPONENT :

BUTTON COMPONENT :

Button.jsx

```jsx
import React from 'react'
import './button.css';

export const Button = ({buttonClick,show}) => {
  return (
    <button onClick={buttonClick}>
        {show ? 'show less' : 'show more' }
    </button>
  )
}
```

button.css

```css
button{
    outline:none;
    border:none;
    width:90%;
    padding: 10px 5px;
    background: aqua;
    border-radius: 5px;
    font-weight: bold;
    margin-inline: auto;
}

button:hover{
    opacity:.6;
}
```

APP COMPONENT :

App.js

```jsx
import './App.css';
import { Card } from './components/card/Card';
import image1 from './images/image1.webp'
import image2 from './images/image2.webp'
import image3 from './images/image3.webp'
import image4 from './images/image4.webp'
import image5 from './images/image5.webp'
import image6 from './images/image6.jpeg'
import image7 from './images/image7.jpeg'
import image8 from './images/image8.webp'
function App() {

  const cards = [
    {
      url:image1,
      title:"rose",
      description:"The definition of a flowers describes an expensive car that's flashy,"
    },
    {
      url:image2,
      title:"Tulip",
      description:"The definition of a flowers describes an expensive car that's flashy"
    },
    {
      url:image3,
      title:"Mari gold",
      description:"The definition of a flowers describes an expensive car that's flashy"
    },
    {
      url:image4,
      title:"Jasmin",
      description:"The definition of a flowers describes an expensive car that's flashy"
    },
    {
      url:image5,
      title:"Lily",
      description:"The definition of a flowers describes an expensive car that's flashy"
    },
    {
      url:image6,
      title:"Sun flower".
```

```jsx
41   }
42   return (
43     <div className="app">
44       {
45         cards.map((card,index)=><Card key={index} card={card}/>)
46       }
47     </div>
48   );
49  }
50
51  export default App;
52
```

```css
1   *{
2     margin:0;
3     padding:0;
4     box-sizing:border-box;
5     transition:.3s;
6   }
7
8   ::-webkit-scrollbar{
9     display:none;
10  }
11
12  .app{
13    height:100vh;
14    padding:20px;
15    display: flex;
16    justify-content: space-between;
17    align-items:center;
18    gap:20px;
19    overflow:scroll;
20    background: #000;
21  }
```

```
Compiled successfully!

You can now view card in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.1.10:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
```
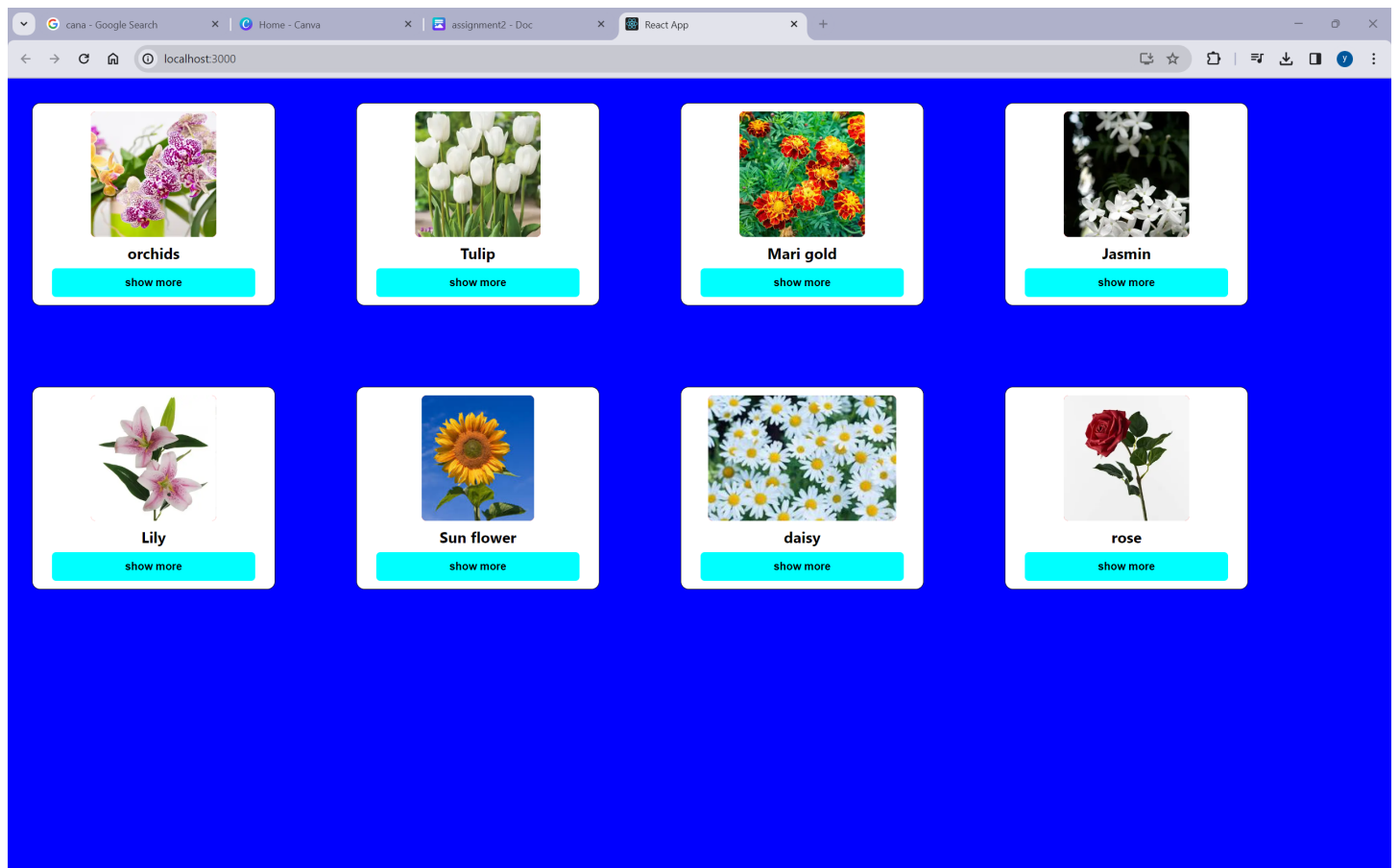
approach :

1 . initially taking an array of objects like below

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 :

WHEN BUTTON CLICKS :