

Creating a card Component and button component Creation using React.

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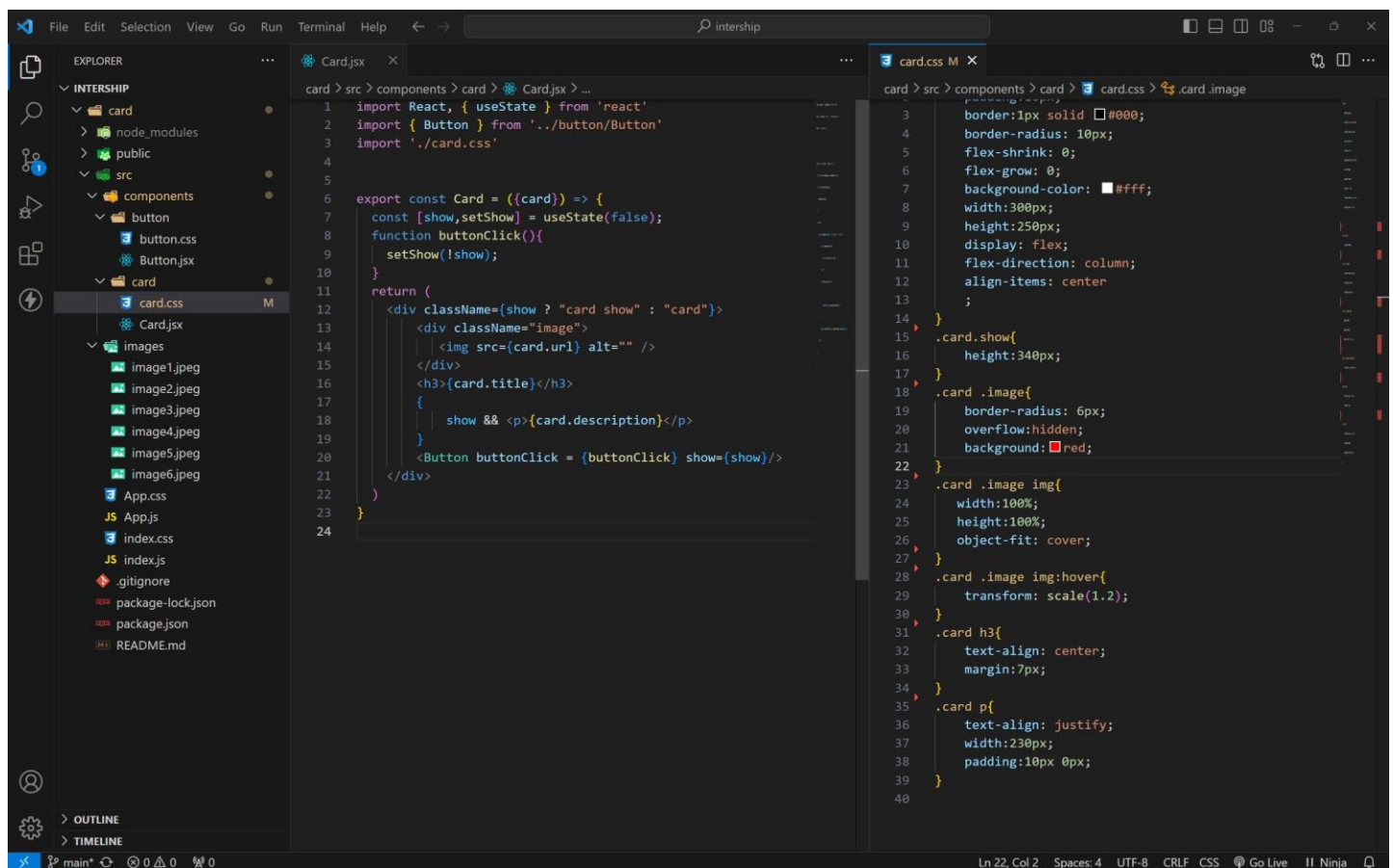
Roll NO : 20KT1A4749(CSE - IOT & CS INCL BCT)

College Name : Potti Sriramulu Chalavadi Mallikarjunarao College of

Engineering & Technology

source code :

CARD COMPONENT :



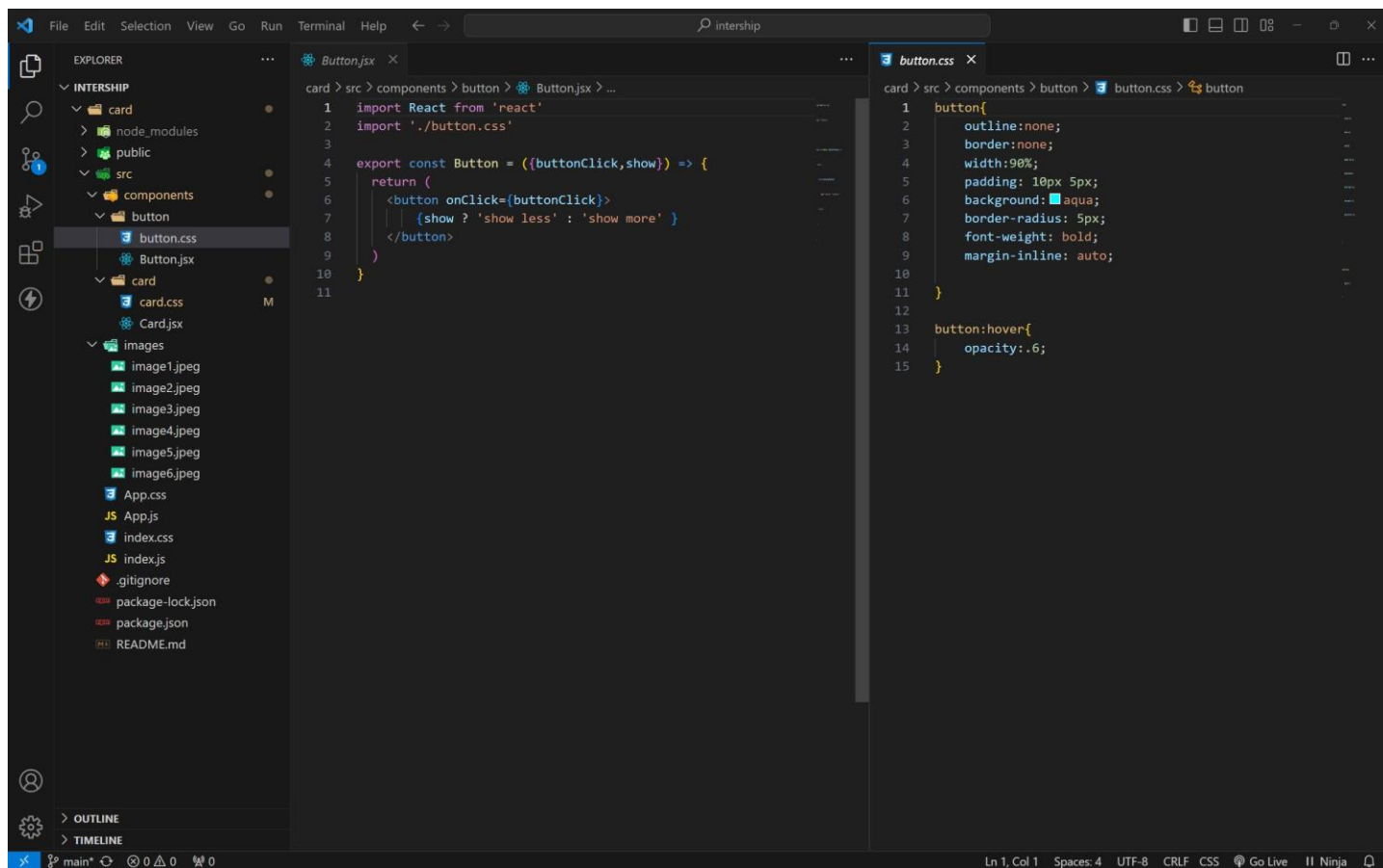
The screenshot displays the Visual Studio Code editor with two files open: `Card.jsx` and `card.css`. The `Card.jsx` file is located at `card > src > components > card > Card.jsx` and contains the following code:

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

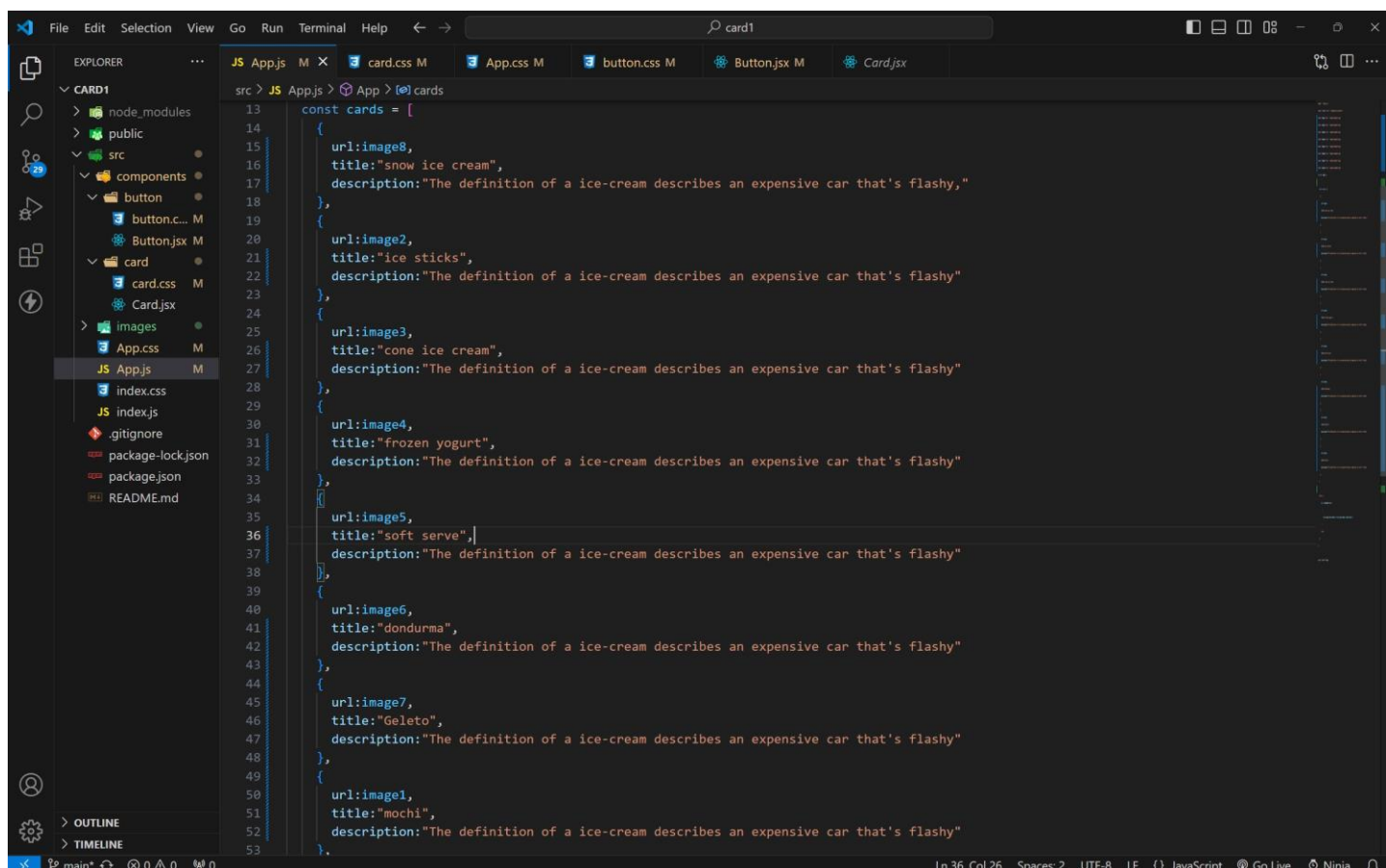
The `card.css` file is located at `card > src > components > card > card.css > .card .image` and contains the following CSS rules:

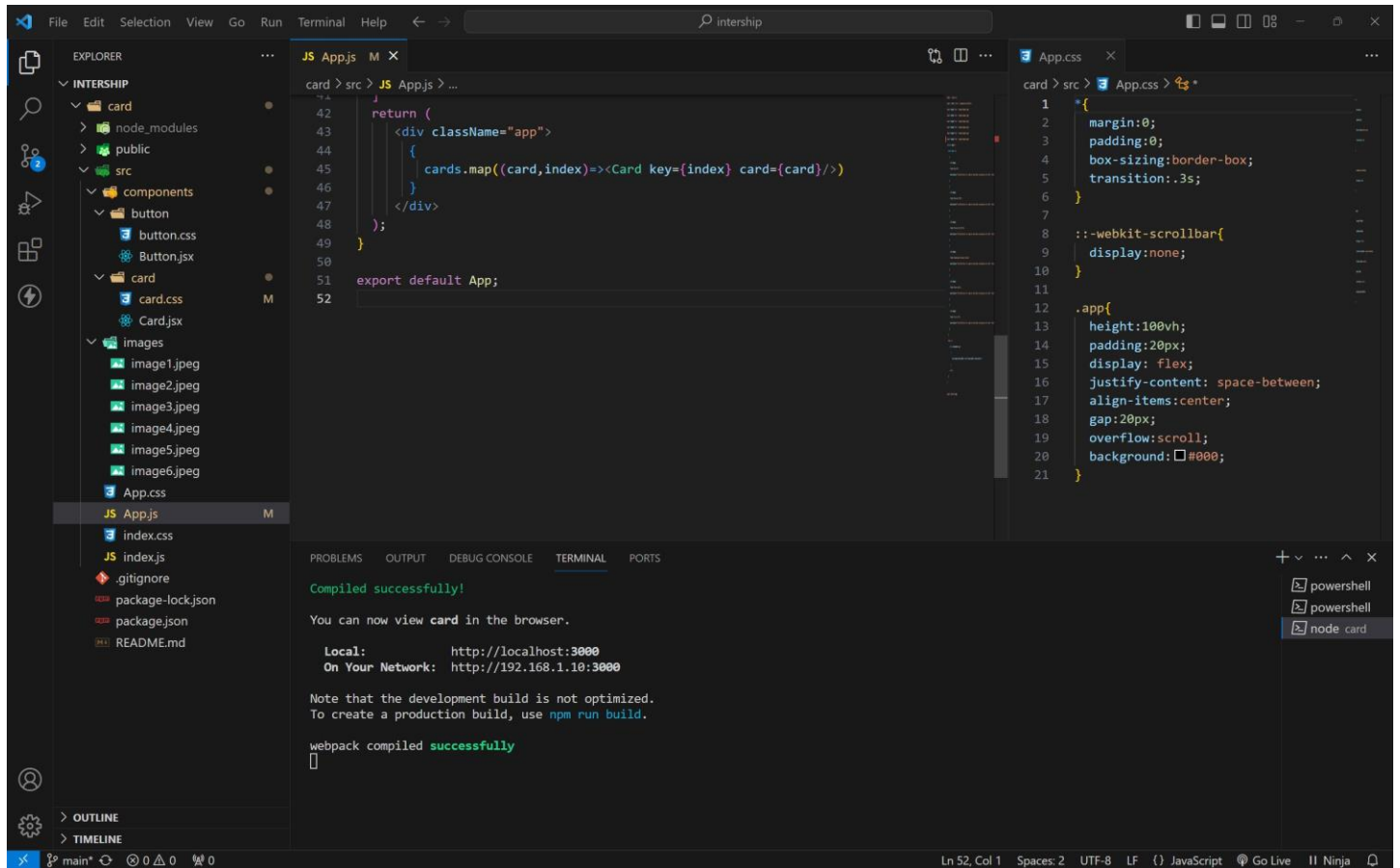
```
3 border:1px solid #000;
4 border-radius: 10px;
5 flex-shrink: 0;
6 flex-grow: 0;
7 background-color: #fff;
8 width:300px;
9 height:250px;
10 display: flex;
11 flex-direction: column;
12 align-items: center;
13
14
15 .card.show{
16   height:340px;
17 }
18 .card .image{
19   border-radius: 6px;
20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

BUTTON COMPONENT :



APP COMPONENT :

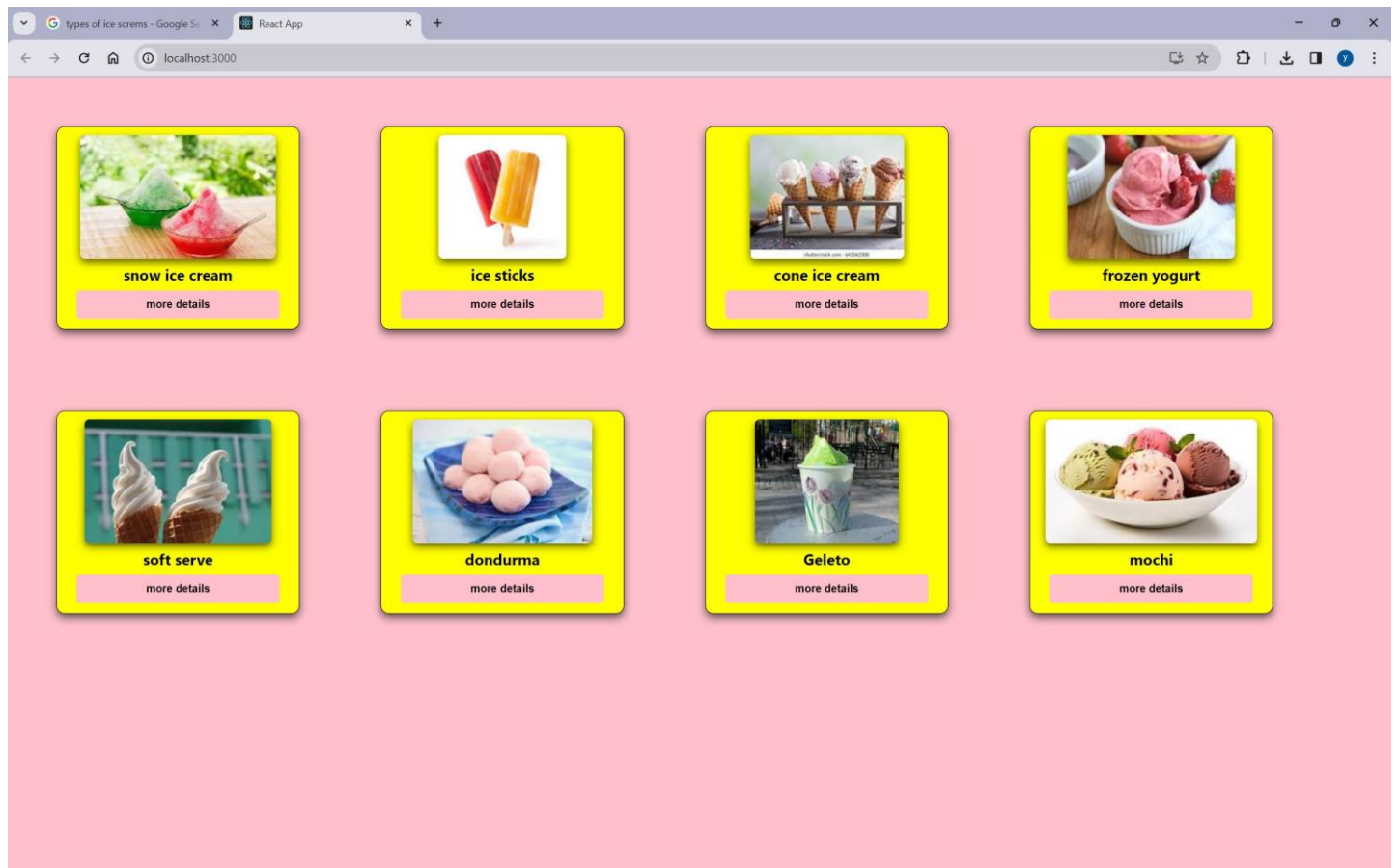




approach :

- 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 :

