

React.js Component Creation

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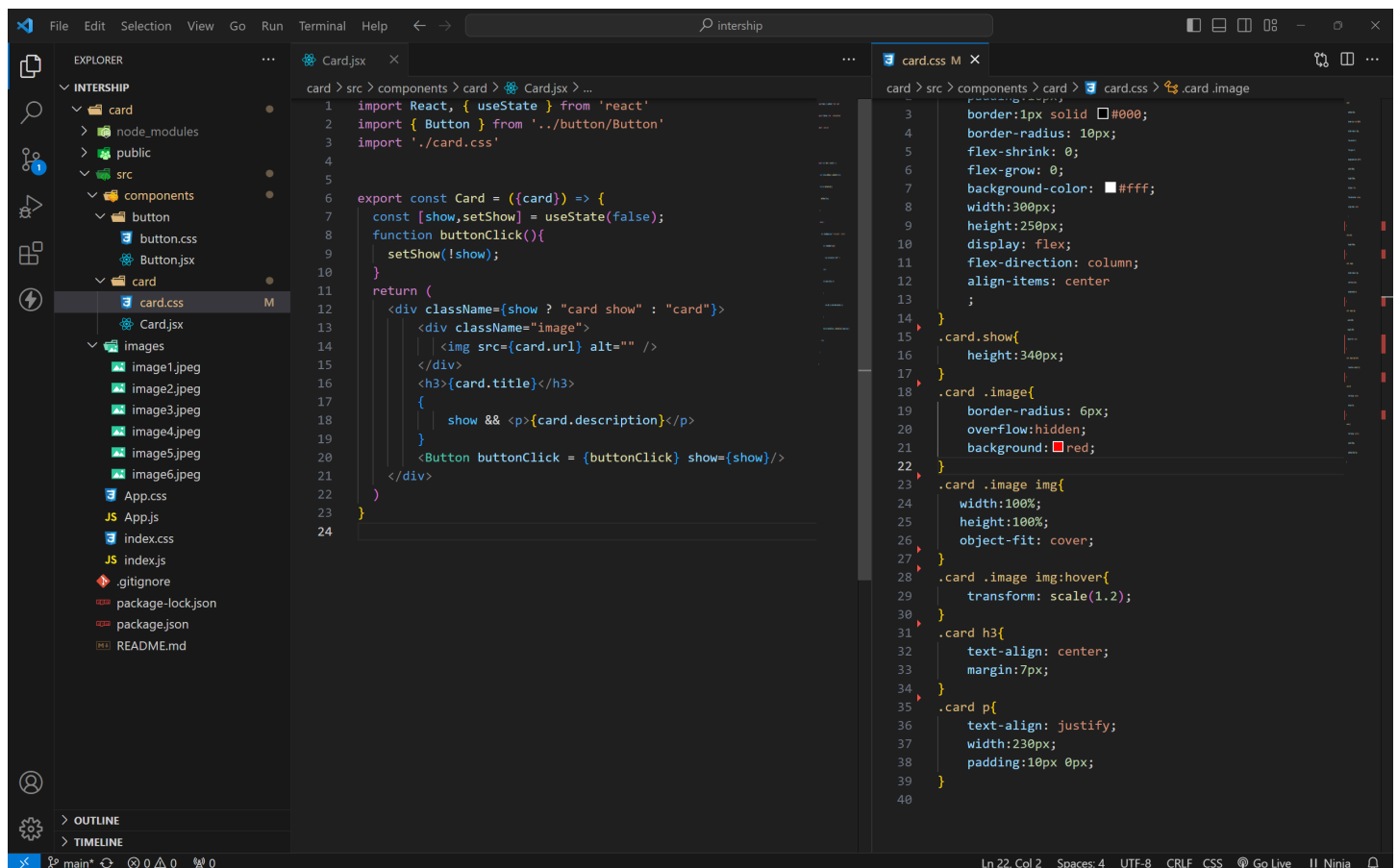
Roll No : 20NN1A1269

Dept : Information Technology

College : Vignan's Nirula Institute Of Technology And Science For Women

source code :

CARD COMPONENT :



The screenshot displays the Visual Studio Code editor with a project structure on the left and two code files open in the main editor.

Project Structure (EXPLORER):

- INTERSHIP
 - card
 - node_modules
 - public
 - src
 - components
 - button
 - button.css
 - Button.jsx
 - card
 - card.css
 - Card.jsx
 - images
 - image1.jpeg
 - image2.jpeg
 - image3.jpeg
 - image4.jpeg
 - image5.jpeg
 - image6.jpeg
 - App.css
 - App.js
 - index.css
 - index.js
 - .gitignore
 - package-lock.json
 - package.json
 - README.md

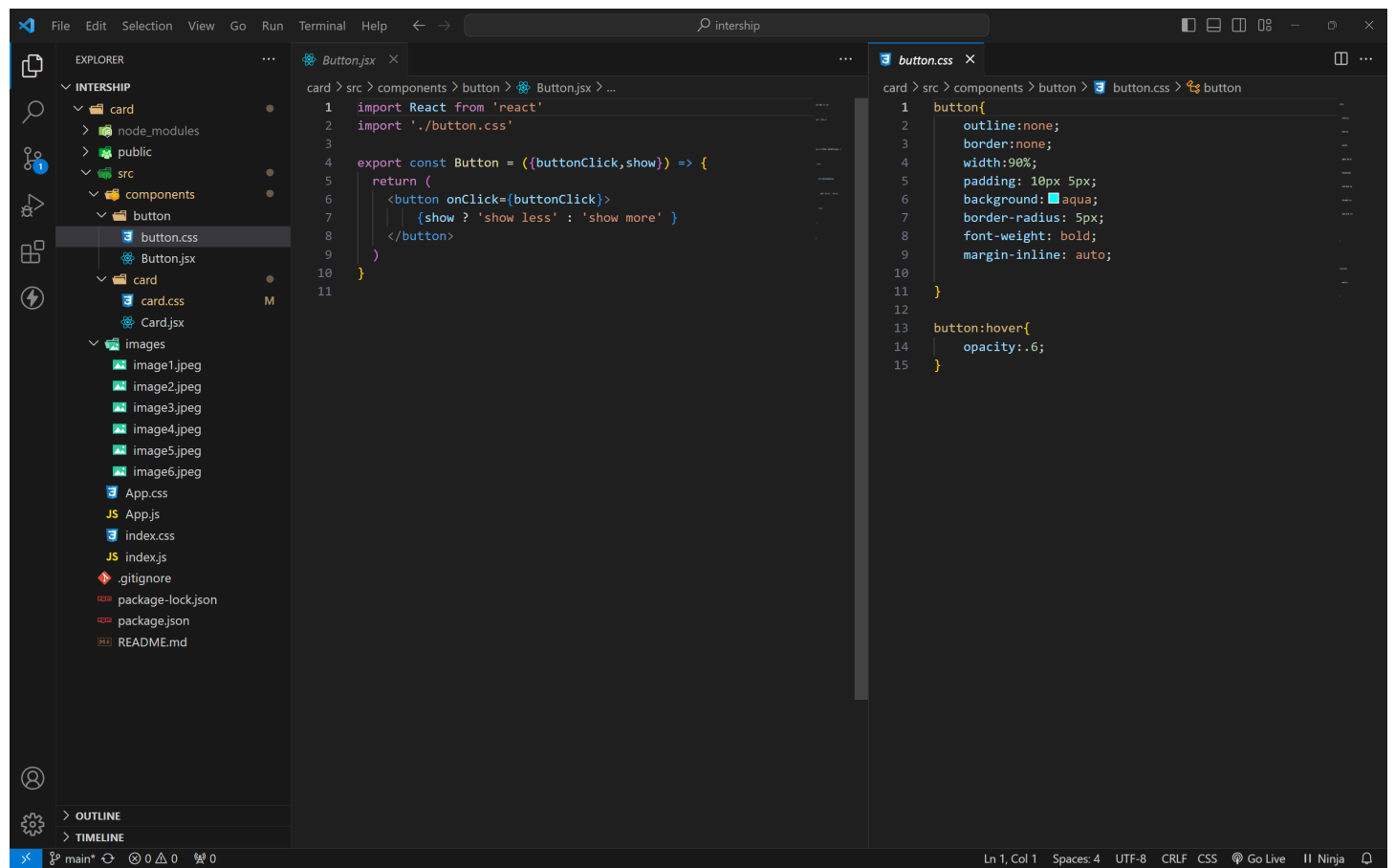
Card.jsx (Main Editor):

```
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 handleClick(){
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 handleClick = {handleClick} show={show}/>
22    </div>
23  )
24 }
```

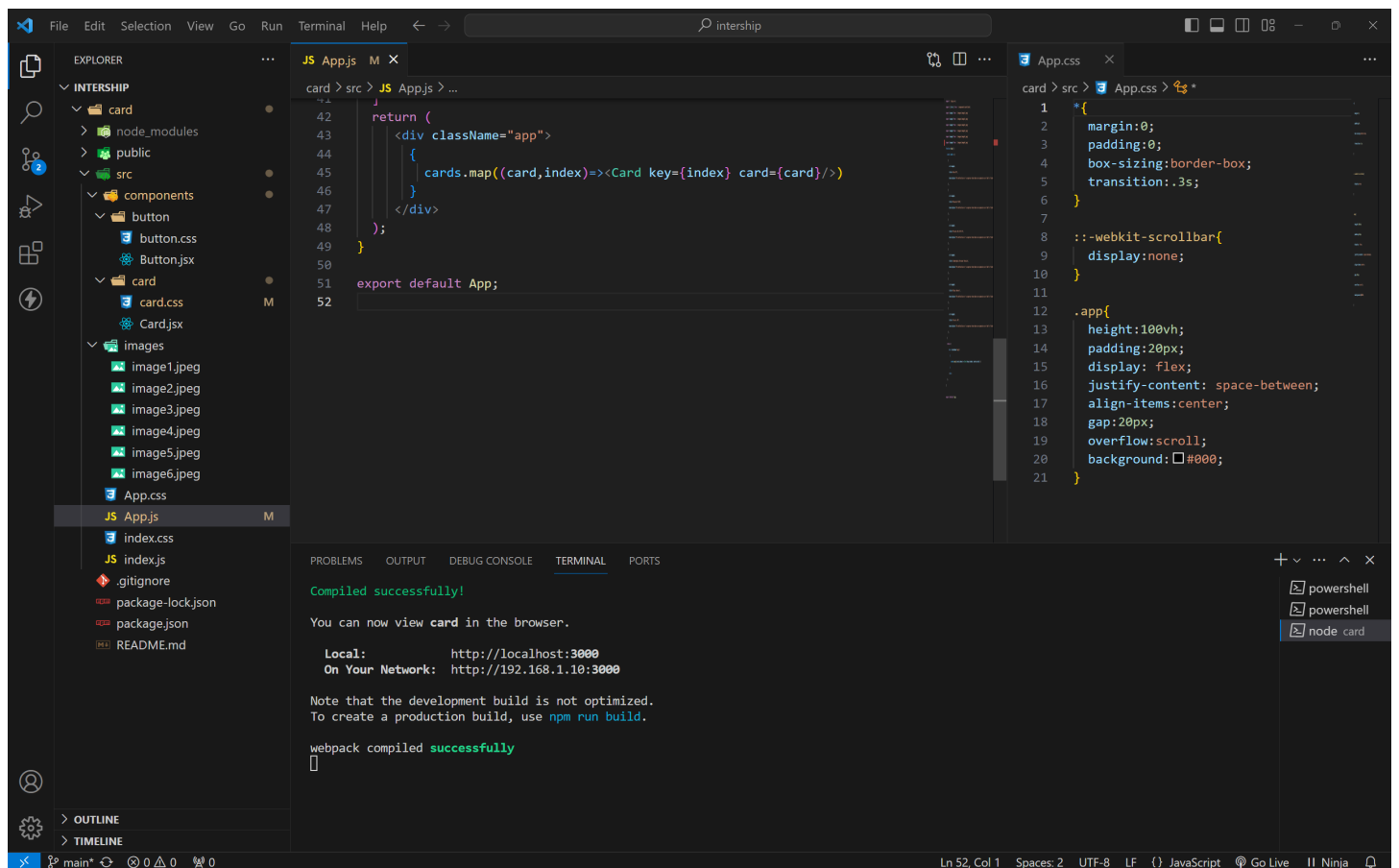
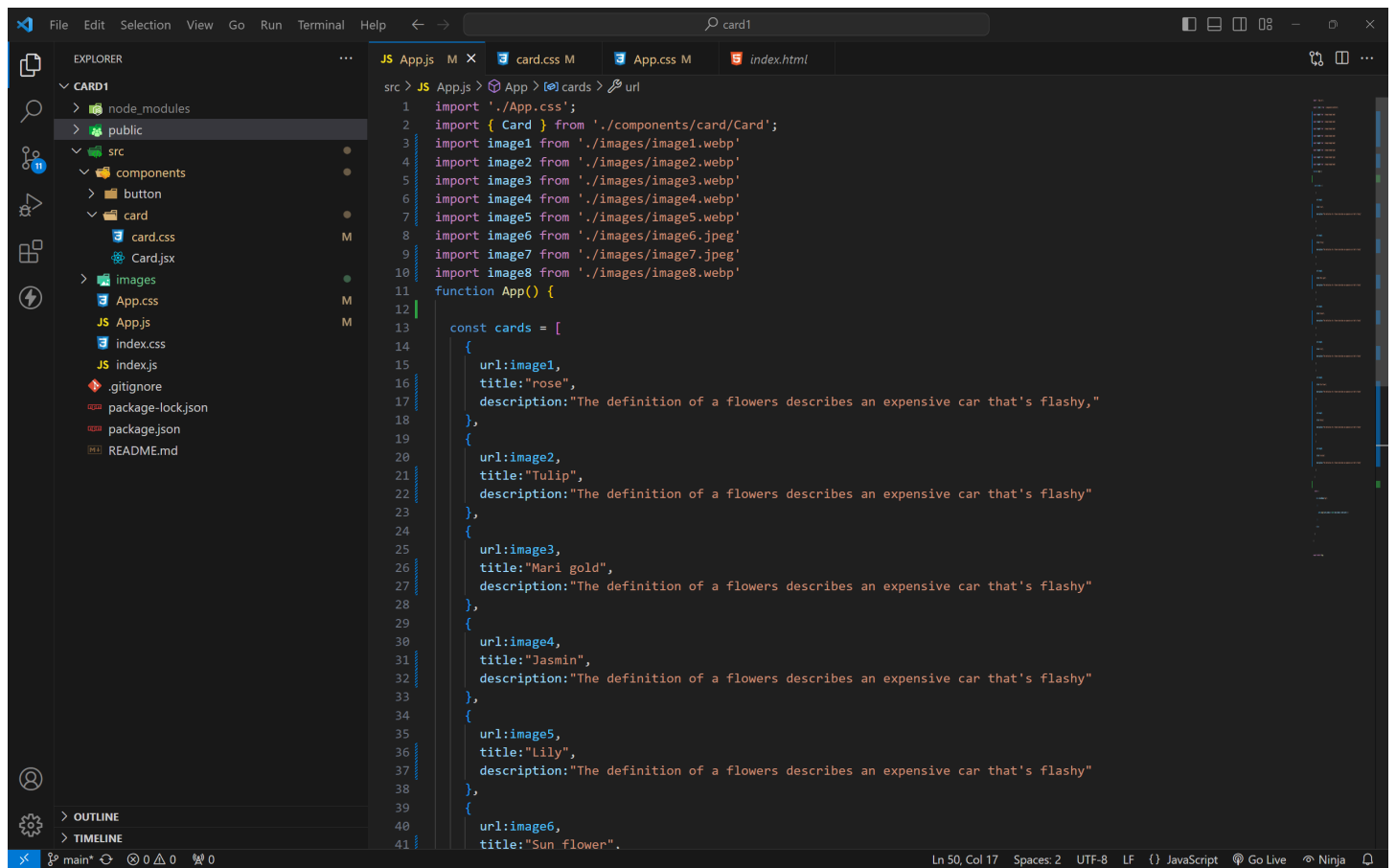
card.css (Main Editor):

```
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 :



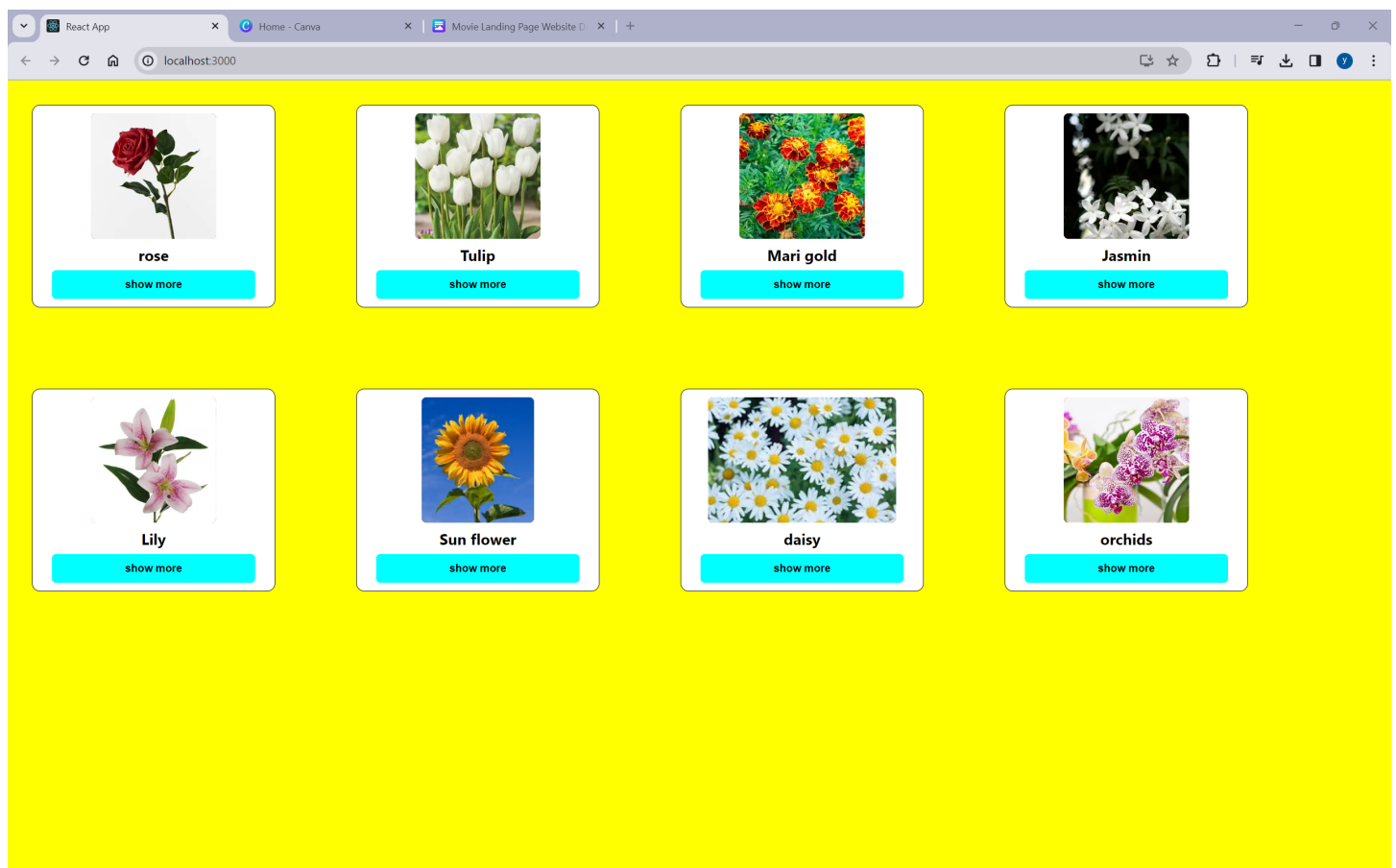
APP COMPONENT :



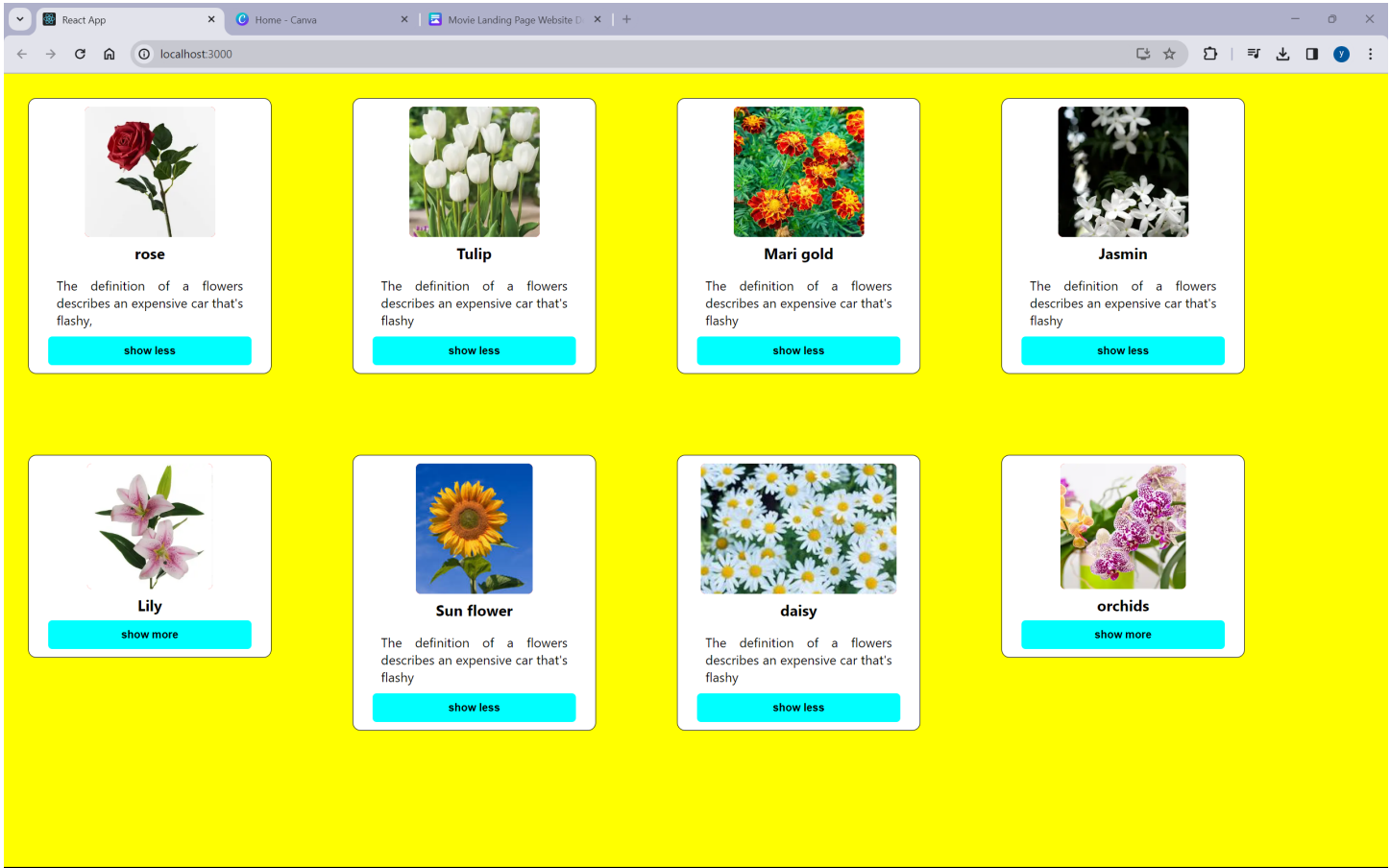
approach :

- 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 :



rose

The definition of a flowers describes an expensive car that's flashy,

show less



Tulip

The definition of a flowers describes an expensive car that's flashy

show less



Mari gold

The definition of a flowers describes an expensive car that's flashy

show less



Jasmin

The definition of a flowers describes an expensive car that's flashy

show less



Lily

show more



Sun flower

The definition of a flowers describes an expensive car that's flashy

show less



daisy

The definition of a flowers describes an expensive car that's flashy

show less



orchids

show more