Aim: Creating the card and button components using the react.js

CARD COMPONENT:

Card.jsx:

```
import React, { useState } from 'react'
import { Button } from '../button/Button'
import './card.css'
export const Card = ({card}) => {
 const [show,setShow] = useState(false);
 function buttonClick(){
  setShow(!show);
 }
 return (
  <div className={show ? "card show" : "card"}>
    <div className="image">
      <img src={card.url} alt="" />
    </div>
    <h3>{card.title}</h3>
    {
      show && <p>{card.description}</p>
    }
    <Button buttonClick = {buttonClick} show={show}/>
  </div>
 )
}
```

Card.css:

```
.card{
  padding:10px;
  border:1px solid #000;
  border-radius: 10px;
  flex-shrink: 0;
  flex-grow: 0;
```

```css
    background-color: #fff;

    width:300px;

    height:250px;

    display: flex;

    flex-direction: column;

    align-items: center

    ;
}
.card.show{

    height:340px;

}
.card .image{

    border-radius: 6px;

    overflow:hidden;

    background:red;

}
.card .image img{

   width:100%;

   height:100%;

   object-fit: cover;

}
.card .image img:hover{

    transform: scale(1.2);

}
.card h3{

    text-align: center;

    margin:7px;

}
.card p{

    text-align: justify;

    width:230px;

    padding:10px 0px;

}
```

BUTTON COMPONENT :

Button.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:

```
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:

```
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 image4 from './images/image4.jpeg'
import image5 from './images/image5.jpeg'
import image6 from './images/image6.jpeg'
function App() {
 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"
    },
  ]
  return (
    <div className="app">
      {
       cards.map((card,index)=><Card key={index} card={card}/>)
      }
    </div>
  );
}


export default App;
```

App.css:

```
*{
 margin:0;
 padding:0;
 box-sizing:border-box;
 transition:.3s;
}


::-webkit-scrollbar{
 display:none;
}
```

```css
.app{
 height:100vh;
 padding:20px;
 display: flex;
 justify-content: space-between;
 align-items:center;
 gap:20px;
 overflow:scroll;
 background:#000;
}
```

ASSIGNMENT-2

OUTPUT PAGE