

# React.js Component Creation

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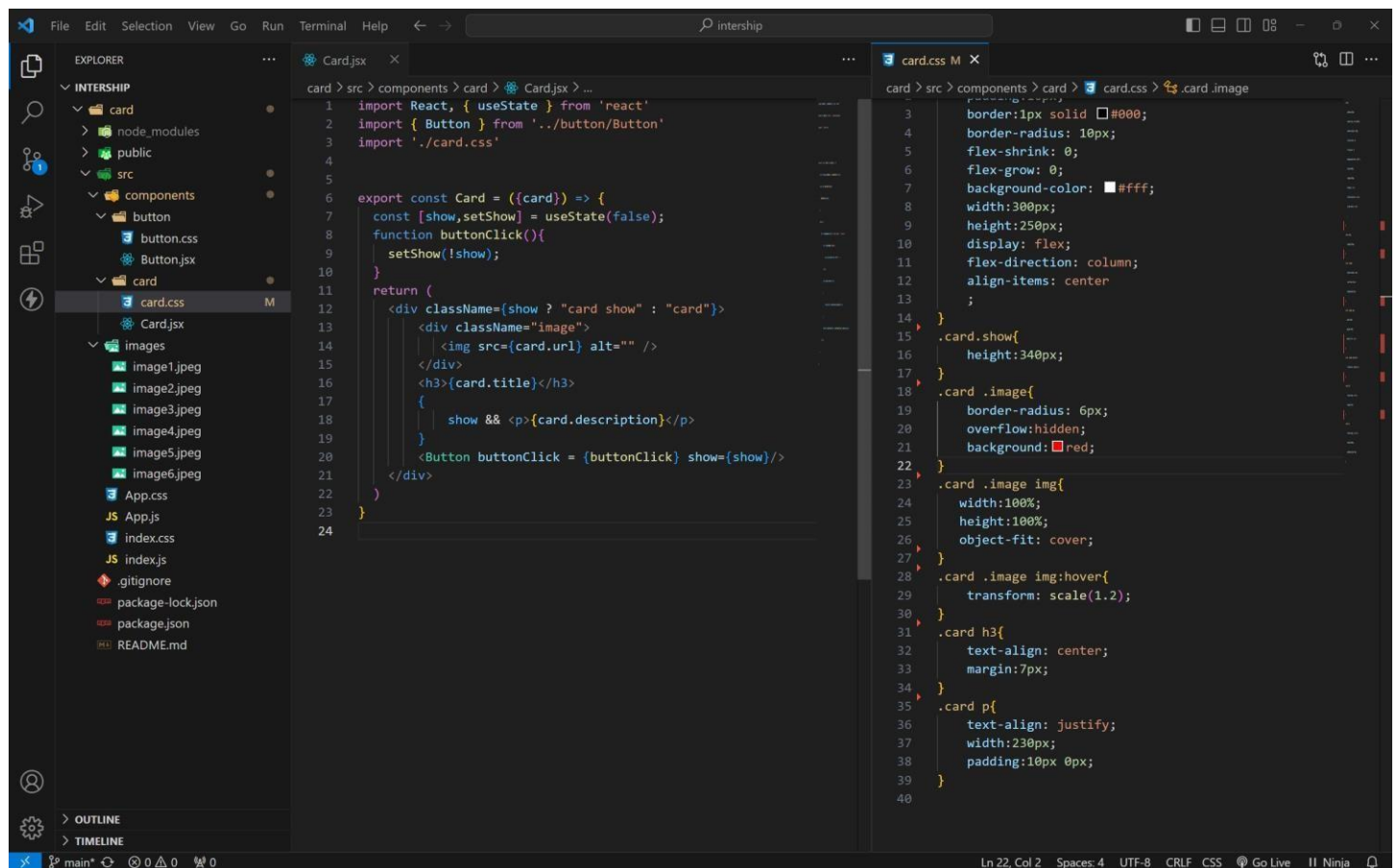
Roll NO: 20NN1A1206

College Name: Vignan's Nirula Institute of Technology and Science For women

University: JNTUK

source code:

## CARD COMPONENT:



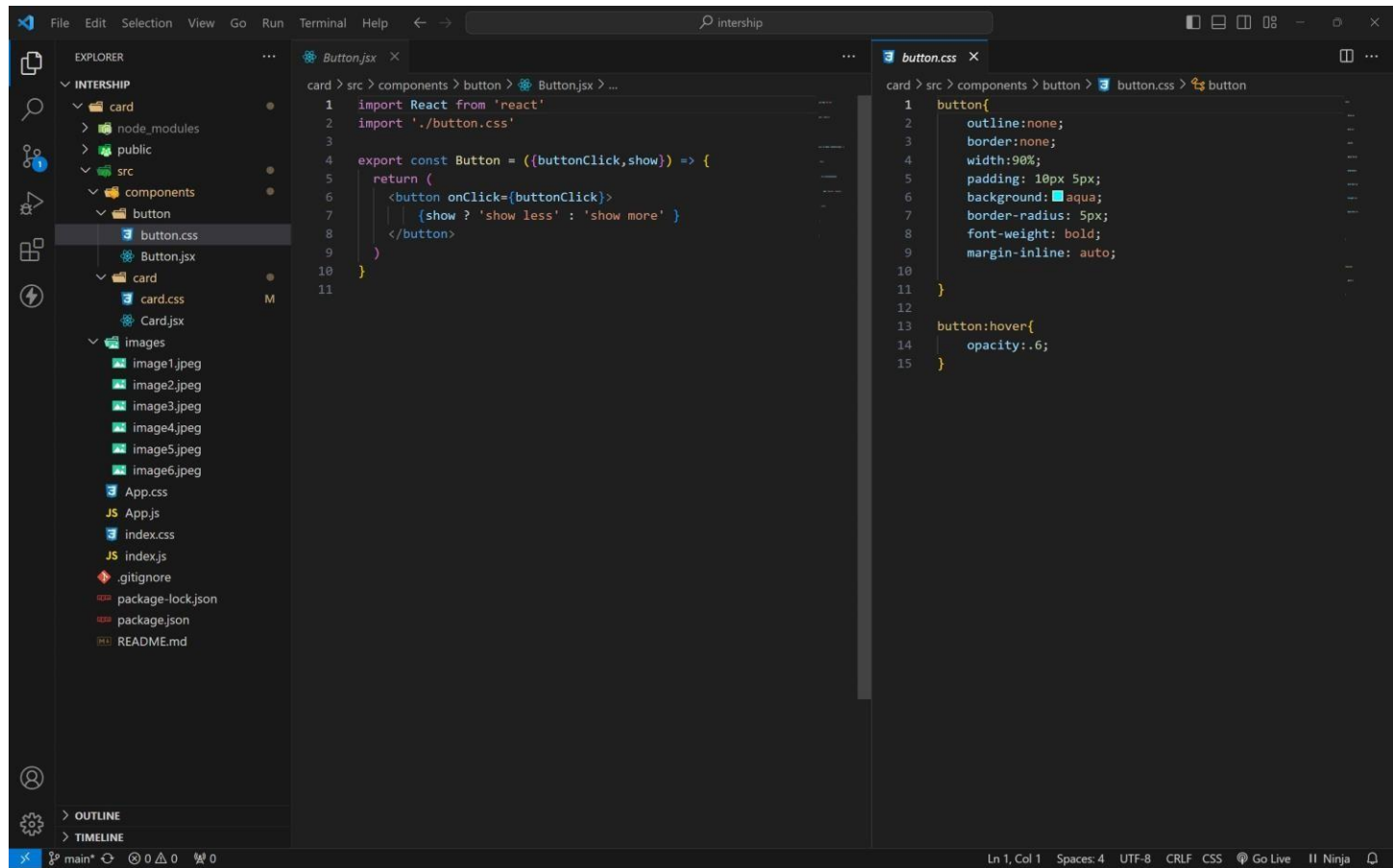
The screenshot displays the Visual Studio Code editor interface with two files open: Card.js and card.css. The Explorer sidebar on the left shows the project structure, including the 'card' component folder. The Card.js file contains the following code:

```
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 handleClick(){
9     setShow(!show);
10  }
11  return (
12    <div className={show ? "card show" : "card"}>
13      <div className="image">
14        <img src={card.url} alt="" />
15      </div>
16      <h3>{card.title}</h3>
17      <div>
18        {show && <p>{card.description}</p>
19      }
20      <Button handleClick = {handleClick} show={show}/>
21    </div>
22  )
23 }
24
```

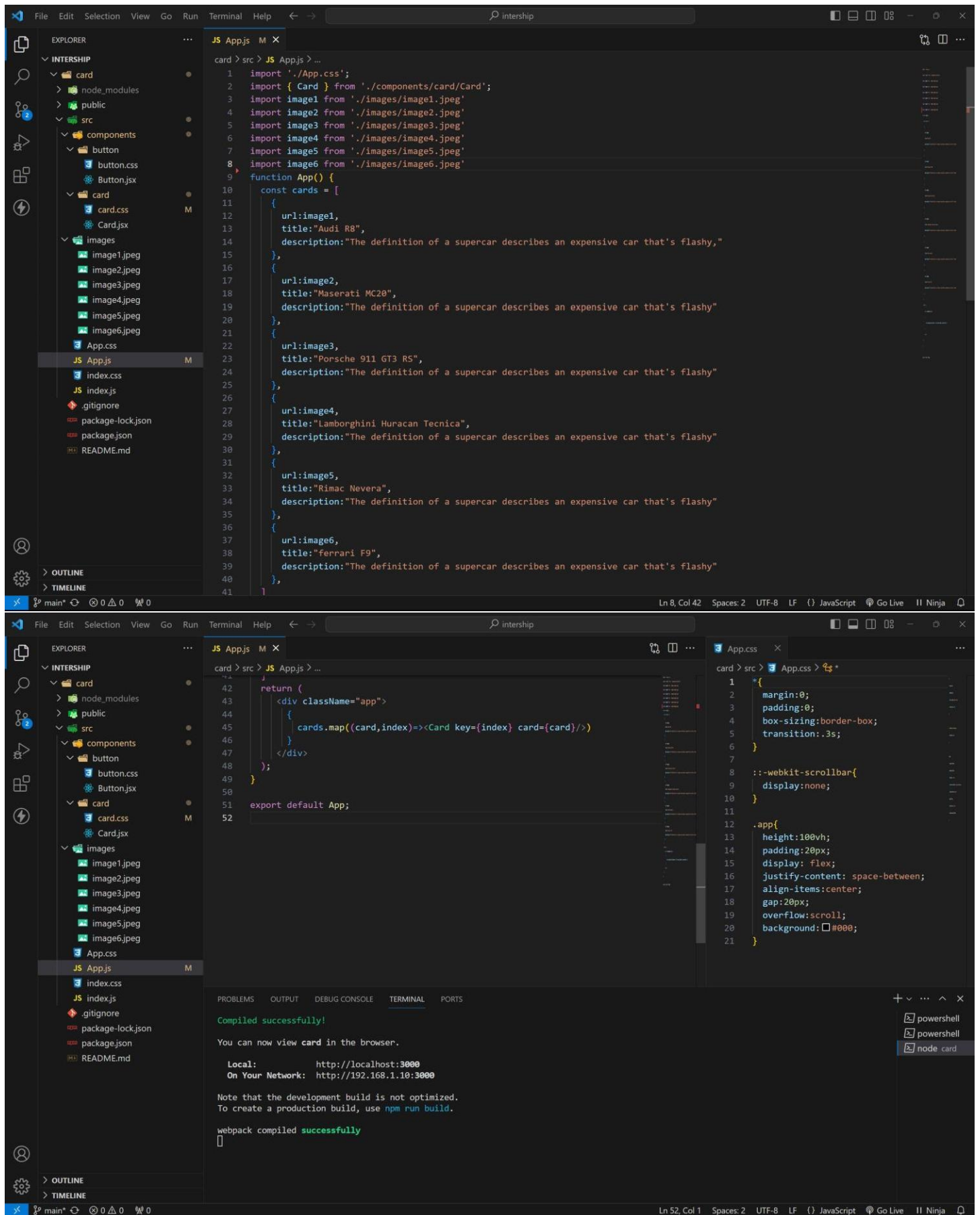
The card.css file contains the following CSS rules:

```
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: #f00;
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:

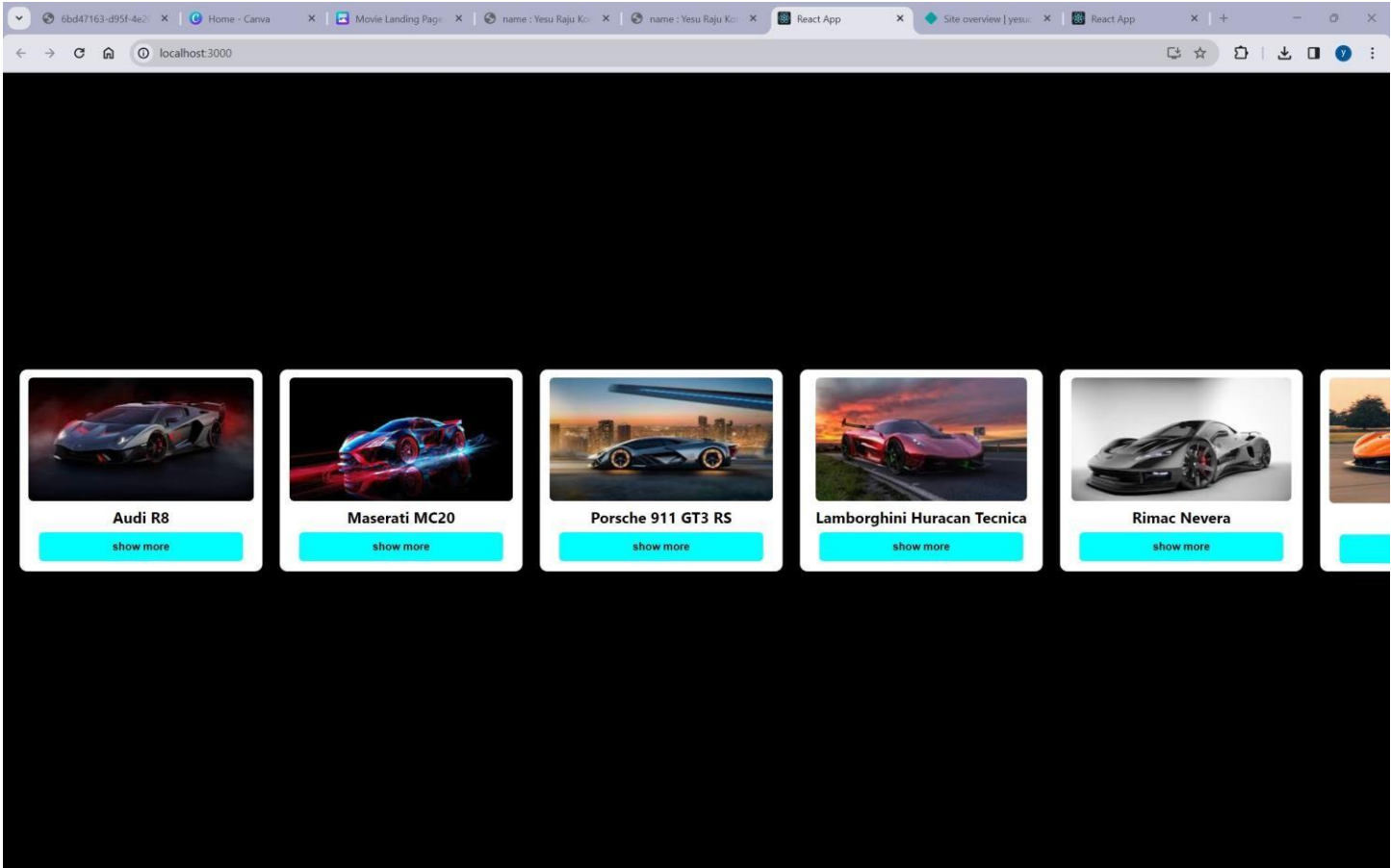
## 1. initially taking an array of objects like below

```
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"  
  },  
]
```

- 1 . Passing this card array to child (card component) of App component by using props.
- 2 . getting data as argument like {card} in card component.
- 3 . in card component i use one state [show, set Show] to get extra info as description.

4 . When we click the button then show becomes true by assigning set Show (! show).

OUTPUT:



AFTER BUTTON CLICKS :

6bd47163-d95f-4e2

Home - Canva

Movie Landing Page

name : Yesu Raju Ko


name : Yesu Raju Ko

React App

Site overview | yesu


React App

localhost:3000



upercar  
ar that's


show less



Maserati MC20

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


show less



Porsche 911 GT3 RS

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


show less



Lamborghini Huracan Tecnica

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


show less



Rimac Nevera

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

show less



ferrari F9

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

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Home - Canva

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name : Yesu Raju Ko


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React App

Site overview | yesu

React App


localhost:3000



Audi R8


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

show less



Maserati MC20


show more



Porsche 911 GT3 RS


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

show less



Lamborghini Huracan Tecnica


show more



Rimac Nevera

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

show less



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describ  
flashy

show less