React.js Component Creation

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CARD COMPONENT:

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

```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:

```jsx
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;
```

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: