

# React.js Component Creation

NAME : AKARAMSETTI MANOJ SAI  
EMAIL : [akaramsettimanojsai13196@gmail.com](mailto:akaramsettimanojsai13196@gmail.com)  
PH NO : 9177626683  
ROLL NO : 20E91A0502  
COLLEGE NAME : CHIRALA ENGINEERING COLLEGE

## SOURCE CODE

### APP.JSX

```
import React from 'react';
import Card from './components/card/card';
import Button from './components/button/button';
import './App.css';

const App = () => {
  const cards = [
    {
      id: 1,
      title: 'BMW G310 RR',
      description: '₹ 3,01,464',
      image: 'https://imgd.aeplcdn.com/227x128/n/cw/ec/123865/g310-rr-right-front-three-quarter-2.jpeg?isig=0&q=80',
    },
    {
      id: 2,
      title: 'BMW G 310 GS',
      description: '₹ 3,29,991',
      image: 'https://imgd.aeplcdn.com/227x128/n/cw/ec/126519/g-310-gs-right-front-three-quarter.png?isig=0&q=80',
    },
  ],
  {
```

```

        id: 3,
        title: 'BMW G 310 R',
        description: '₹ 2,89,991',
        image: 'https://imgd.aeplcdn.com/227x128/n/cw/ec/126521/g-310-r-left-
side-view-3.png?isig=0&q=80',
    },
    {
        id: 4,
        title: 'BMW S 1000 RR',
        description: '₹ 20,75,000',
        image: 'https://imgd.aeplcdn.com/227x128/n/cw/ec/135917/s1000rr-2023-
left-side-view.jpeg?isig=0&q=80',
    },
    {
        id: 5,
        title: 'BMW M 1000 RR',
        description: '₹ 48,98,086',
        image: 'https://imgd.aeplcdn.com/227x128/bw/models/bmw-m-1000-rr-
standard20210320230911.jpg?q=80',
    },
    {
        id: 6,
        title: 'BMW R 1250 GS Adventure',
        description: '₹ 22,50,000',
        image: 'https://imgd.aeplcdn.com/664x374/n/cw/ec/1/versions/bmw-r-1250-
gs-adventure-standard1677218822703.jpg?q=80',
    },
];

return (
  <div className="app">
    <h1 className="title">BMW</h1>
    <div className="card-container">
      {cards.map((card) => (
        <Card key={card.id} title={card.title}
description={card.description} image={card.image} />
      ))}
    </div>

  </div>
);
};

export default App;

```

## APP.CSS

```
body {
  margin: 0;
  padding: 0;
  font-family: Arial, sans-serif;
  background-color: #aeacac; /* Set the background color to blue */
  color: #f9f5f9; /* Set the text color to white */
}

.app {
  max-width: 800px;
  margin: 0 auto;
  padding: 20px;
}

.card-container {
  display: flex;
  flex-wrap: wrap;
  justify-content: space-around;
}

.card {
  border: 3px solid #151918;
  border-radius: 5px;
  width: 200px;
  margin: 10px;
  padding: 10px;
  background-color: #07024b; /* Set the card background color */
}

.card-image {
  width: 100%;
  border-radius: 5px;
}

.card-content {
  margin-top: 10px;
}

.card-title {
  font-size: 18px;
  margin-bottom: 5px;
}

.card-description {
  font-size: 16px;
}
```

```
.title {  
  color: rgb(4, 4, 4); /* Set the color of the title to black */  
}
```

## BUTTON JSX

```
import React, { useState } from 'react';  
import PropTypes from 'prop-types';  
import './button.css';  
  
const Button = ({ text, onClick }) => {  
  const [isZoomed, setIsZoomed] = useState(false);  
  
  const toggleZoom = () => {  
    setIsZoomed(!isZoomed);  
  };  
  
  return (  
    <button className={`button ${isZoomed ? 'zoomed' : ''}`} onClick={() =>  
{onClick(); toggleZoom();}}>  
      {text}  
    </button>  
  );  
};  
  
Button.propTypes = {  
  text: PropTypes.string.isRequired,  
  onClick: PropTypes.func.isRequired,  
};  
  
export default Button;
```

## BUTTON.CSS

```
.button {
  background-color: #06853d;
  color: #e32121;
  border: none;
  border-radius: 5px;
  padding: 10px 20px;
  cursor: pointer;
  transition: background-color 0.3s ease, transform 0.3s ease;
}

.button:hover {
  background-color: #1875d8;
}

.button.zoomed {
  transform: scale(1.1);
}
```

## CARD.JSS

```
import React from 'react';
import PropTypes from 'prop-types';
import './card.css';

const Card = ({ title, description, image, isSelected, onClick }) => {
  return (
    <div className={`card ${isSelected ? 'selected' : ''}`} onClick={onClick}>
      {image && <img src={image} alt={title} className="card-image" />}
      <div className="card-content">
        <h2 className="card-title">{title}</h2>
        <p className="card-description">{description}</p>
      </div>
    </div>
  );
};

Card.propTypes = {
  title: PropTypes.string.isRequired,
  description: PropTypes.string.isRequired,
```

```
image: PropTypes.string,  
isSelected: PropTypes.bool,  
onClick: PropTypes.func,  
};  
  
export default Card;
```

## CARD.CSS

```
.card {  
  border: 1px solid #ccc;  
  border-radius: 5px;  
  width: 200px;  
  padding: 10px;  
  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);  
  background-color: #f9f9f9;  
  transition: transform 0.3s ease;  
}  
  
.card:hover {  
  transform: scale(1.1);  
}  
  
.card.zoomed {  
  position: fixed;  
  top: 50%;  
  left: 50%;  
  transform: translate(-50%, -50%) scale(2);  
  z-index: 1000;  
  cursor: pointer;  
}  
  
.card-image {  
  width: 100%;  
  border-radius: 5px;  
}  
  
.card-content {  
  margin-top: 10px;  
}  
  
.card-title {
```

```

font-size: 18px;
margin-bottom: 5px;
}

.card-description {
  font-size: 16px;
}

```



