### 1. ****Setup****

Open your terminal and run the following commands:

npx create-react-app officespacerentalappcd officespacerentalapp

npm start

2. **Edit** App.js

Replace everything inside src/App.js with the following code:

import React from 'react';import './App.css';

function App() {

const officeList = [

{

id: 1,

name: "Office One",

rent: 55000,

address: "Banjara Hills, Hyderabad",

image: "https://via.placeholder.com/200x100?text=Office+One"

},

{

id: 2,

name: "Office Two",

rent: 70000,

address: "MG Road, Bengaluru",

image: "https://via.placeholder.com/200x100?text=Office+Two"

},

{

id: 3,

name: "Office Three",

rent: 60000,

address: "Gachibowli, Hyderabad",

image: "https://via.placeholder.com/200x100?text=Office+Three"

}

];

// JSX

return (

<div className="App">

<h1>Office Space Rental App</h1>

{officeList.map((office) => (

<div key={office.id} style={{ border: "1px solid #ccc", padding: "10px", margin: "10px" }}>

<img src={office.image} alt={office.name} style={{ width: "200px", height: "100px" }} />

<h2>{office.name}</h2>

<p><strong>Address:</strong> {office.address}</p>

<p>

<strong>Rent:</strong>{" "}

<span

style={{

color: office.rent < 60000 ? "red" : "green",

fontWeight: "bold"

}}

>

₹{office.rent}

</span>

</p>

</div>

))}

</div>

);

}

export default App;

3. **What’s Covered in the Code**

**JSX Syntax**: return (...) contains JSX structure.

**JavaScript expressions in JSX**: {office.name}, {office.rent < 60000 ? "red" : "green"}

**Inline CSS**: Using the style={{ }} syntax inside JSX.

**Rendering JSX to DOM**: JSX is returned inside App() which React renders.

**React.createElement (behind the scenes)**: JSX is syntactic sugar for React.createElement(...).

**Map through array**: officeList.map(...) dynamically renders components.

**OUTPUT:**

