**10. Office Space Rental React Application**

**Objective:**

To create a ReactJS application named “officespacerentalapp”. The application displays office details such as name, rent, address using jsx attributes, objects and lists. It also includes conditional styling to highlight rental prices.

**Software Requirements:**

* Node.js and npm
* VSCode
* Web browser

Steps to Create React Application:

**Step1**: Create a new react app.

Open the command prompt and execute the below command to create a new react application.

|  |
| --- |
| npx create-react-app officespacerentalapp  cd officespacerentalapp |

**Step2**: Open the project directory.

Open the created react app in the visual studio code ide.

i.e.,

|  |
| --- |
| code . |

**Step3**: Modify the existing App.js

i.e.,

App.js

|  |
| --- |
| import React from "react";  import "./App.css";  function App () {  // List of office space objects  const officeSpaces = [  {  id: 1,  name: "Tech Park Tower",  rent: 55000,  address: "123, MG Road, Bangalore",  image: "https://via.placeholder.com/200"  },  {  id: 2,  name: "Innovation Hub",  rent: 75000,  address: "456, Cyber City, Hyderabad",  image: "https://via.placeholder.com/200"  },  {  id: 3,  name: "Business Bay",  rent: 60000,  address: "789, Banjara Hills, Hyderabad",  image: "https://via.placeholder.com/200"  }  ];  return (  <div className="App">  <h1>Office Space Rental</h1>  {officeSpaces.map((office) => (  <div key={office.id} className="office-card">  <img src={office.image} alt={office.name} className="office-image" />  <h2>{office.name}</h2>  <p  style = {{  color: office.rent < 60000 ? "red" : "green",  fontWeight: "bold"  }}  >  Rent: ₹{office.rent}  </p>  <p>Address: {office.address}</p>  </div>  ))}  </div>  );  }  export default App; |

**Step4**: Also modify App.css for styling the react app.

i.e.,

App.css

|  |
| --- |
| .App {  text-align: center;  font-family: Arial, sans-serif;  }  .office-card {  border: 1px solid #ccc;  padding: 15px;  margin: 15px;  display: inline-block;  width: 250px;  border-radius: 10px;  box-shadow: 2px 2px 10px rgba (0, 0, 0, 0.1);  }  .office-image {  width: 200px;  height: 150px;  border-radius: 5px;  } |

**Step5**: Run the Application.

Open the terminal in vscode and execute the below command so that the development server starts automatically.

|  |
| --- |
| npm start |

**Expected output** is:

