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1. **ReactJS**

**Define JSX**

JSX (JavaScript XML) is a syntax extension for JavaScript used in React to describe what the UI should look like.

**Explain ECMA Script**

ECMAScript (ES) is the official standard for JavaScript defined by ECMA International.

**Create a React Application named “officespacerentalapp” which uses React JSX to create elements, attributes and renders DOM to display the page.**

**App.js**

import React from "react";

import officeImage from "./assets/office.jpg";

function App() {

const office = {

name: "DBS",

rent: 50000,

address: "Chennai",

image: officeImage

};

const rentStyle = {

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

fontWeight: "bold"

};

const nameStyle = {

fontWeight: "bold",

fontSize: "22px"

};

return (

<div style={{ textAlign: "center", padding: "30px" }}>

<h1>Office Space , at Affordable Range</h1>

<img

src={office.image}

alt="Office"

width="400"

height="250"

style={{ borderRadius: "8px", margin: "20px 0" }}

/>

<p style={nameStyle}>Name: {office.name}</p>

<p style={rentStyle}>Rent: Rs. {office.rent}</p>

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

</div>

);

}

export default App;

**App.css**

.app-container {

text-align: center;

padding: 20px;

font-family: Arial, sans-serif;

}

.card {

border: 1px solid #ccc;

padding: 20px;

margin: 25px auto;

width: 450px;

border-radius: 10px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

}

.card img {

border-radius: 8px;

margin-bottom: 10px;

}

**Output:-**

