Create a react app for Student Management Portal named scorecalculatorapp and create a function component named “CalculateScore” which will accept Name, School, Total and goal in order to calculate the average score of a student and display the same.

1. Create a React project named “scorecalculatorapp” type the following command in terminal of Visual studio:



1. Create a new folder under Src folder with the name “Components”. Add a new file named “CalculateScore.js”
2. Type the following code in CalculateScore.js





1. Create a Folder named Stylesheets and add a file named “mystyle.css” in order to add some styles to the components:



1. Edit the App.js to invoke the CalculateScore functional component as follows:



1. In command Prompt, navigate into scorecalculatorapp and execute the code by typing the following command:



1. Open browser and type “localhost:3000” in the address bar:

**CODES:**

**Src/components/calculateScore.js**

import React from 'react';

import '../Stylesheets/mystyle.css';

function CalculateScore(props) {

const { name, school, total, goal } = props;

const average = total / goal;

return (

<div className="score-card">

<h2>Student Score Calculator</h2>

<p><strong>Name:</strong> {name}</p>

<p><strong>School:</strong> {school}</p>

<p><strong>Total Marks:</strong> {total}</p>

<p><strong>Goal:</strong> {goal}</p>

<p className="average"><strong>Average Score:</strong> {average.toFixed(2)}</p>

</div>

);

}

export default CalculateScore;

**src/Stylesheets/mystyle.css**

.score-card {

background-color: #e6f2ff;

border: 2px solid #0099cc;

padding: 20px;

margin: 30px;

border-radius: 10px;

width: 400px;

font-family: Arial, sans-serif;

}

.score-card h2 {

color: #005580;

text-align: center;

}

.score-card p {

font-size: 16px;

}

.average {

color: green;

font-weight: bold;

}

**Src/app.js**

import React from 'react';

import CalculateScore from './Components/CalculateScore';

function App() {

return (

<div className="App">

<CalculateScore

name="Madhu Latha Koduru"

school="Cognizant Public School"

total={450}

goal={5}

/>

</div>

);

}

export default App;

**OUTPUTS:**

