**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

import React from 'react';

function CalculateScore() {

  const name = "Romit Acharya";

  const school = "Laban Hrad Vidyapith";

  const total = 417;

  const goal = 500;

  const average = (total / goal) \* 100;

  return (

    <div className="score-box">

      <h2>Student Score Report</h2>

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

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

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

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

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

    </div>

  );

}

export default CalculateScore;

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

.score-box {

  width: 400px;

  border: 2px solid #ccc;

  border-radius: 10px;

  padding: 20px;

  margin: 40px auto;

  background-color: #f9f9f9;

  font-family: Arial, sans-serif;

  box-shadow: 0 4px 8px rgba(0,0,0,0.1);

}

.score-box h2 {

  color: #2e8b57;

  margin-bottom: 15px;

}

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

import React from 'react';

import './Stylesheets/mystyle.css';

import CalculateScore from './Components/CalculateScore';

function App() {

  return (

    <div className="App">

      <CalculateScore />

    </div>

  );

}

export default App;

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:

