**3. ReactJS – HOL**

**3. 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.**

**Step 1:** Open Terminal and create a new react project

***npx create-react-app scorecalculatorapp***

***cd scorecalculatorapp***

**Step 2:** Create Calculator.js and mystyle.css

**Calculator.js**

import React from 'react';

import './mystyle.css';

function CalculateScore(props) {

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

  const average = total / goal;

  return (

    <div className="score-card">

      <h2>{name} - {school}</h2>

      <p>Total Score: {total}</p>

      <p>Goal: {goal}</p>

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

    </div>

  );

}

export default CalculateScore;

**mystyle.css**

.score-card {

  padding: 20px;

  border: 1px solid black;

  margin: 10px;

  background-color: #f0f8ff;

  border-radius: 10px;

}

.score-card {

  padding: 20px;

  border: 1px solid black;

  margin: 10px;

  background-color: #f0f8ff;

  border-radius: 10px;

}

**App.js**

import React from 'react';

import CalculateScore from './Calculator';

function App() {

  return (

    <div>

      <CalculateScore name="Mohanapriyan" school="SKCET High School" total={490} goal={5} />

    </div>

  );

}

export default App;

**Step 4:** In terminal, type ***npm start*** and this will run your code.

**OUTPUT:**

