**WEEK-6**

**REACTJS**

**Code:**

**CalculateScore.js:**

import React, { useState } from 'react';

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

function CalculateScore() {

const [name, setName] = useState('');

const [school, setSchool] = useState('');

const [total, setTotal] = useState('');

const [goal, setGoal] = useState('');

const [average, setAverage] = useState(null);

const handleSubmit = (e) => {

e.preventDefault();

const avg = (parseFloat(total) / parseFloat(goal)).toFixed(2);

setAverage(avg);

};

return (

<div className="form-container">

<h2>Student Score Calculator</h2>

<form onSubmit={handleSubmit}>

<input type="text" placeholder="Name" onChange={(e) => setName(e.target.value)} required />

<input type="text" placeholder="School" onChange={(e) => setSchool(e.target.value)} required />

<input type="number" placeholder="Total Score" onChange={(e) => setTotal(e.target.value)} required />

<input type="number" placeholder="Goal" onChange={(e) => setGoal(e.target.value)} required />

<button type="submit">Calculate Average</button>

</form>

{average && (

<div className="result">

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

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

<p>Average Score: {average}</p>

</div>

)}

</div>

);

}

export default CalculateScore;

**mystyle.css:**

.form-container {

width: 300px;

margin: 30px auto;

padding: 20px;

border: 2px solid #ddd;

border-radius: 8px;

background-color: #f2f2f2;

}

input {

display: block;

width: 100%;

padding: 8px;

margin: 10px 0;

}

button {

padding: 8px 16px;

background-color: #007bff;

color: white;

border: none;

cursor: pointer;

border-radius: 4px;

}

button:hover {

background-color: #0056b3;

}

.result {

margin-top: 20px;

padding: 10px;

background-color: #e6ffe6;

border: 1px solid #ccc;

border-radius: 5px;

}

**App.js:**

import React from 'react';

import CalculateScore from './Components/CalculateScore';

function App() {

return (

<div className="App">

<CalculateScore />

</div>

);

}

export default App;

**Output:**

