**WEEK 6**

**3. ReactJS-HOL**

**React Hands-on Lab: Function Component & Styling**

**Step 1: Create React Project**

Run the following command :

npx create-react-app scorecalculatorapp

**Step 2: Create Components Folder**

create a new folder named:

Components

**Step 3: Create CalculateScore.js Component**

Create a file named **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-container">

<h2>Student Score Calculator</h2>

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

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

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

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

<h3>Average Score: {average}</h3>

</div>

);

}

export default CalculateScore;

**Step 4: Create Stylesheet for Styling**

Create a folder named **Stylesheets**:

.score-container {

width: 400px;

margin: 50px auto;

padding: 20px;

background-color: #f9f9f9;

border-radius: 12px;

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

font-family: Arial, sans-serif;

}

.score-container h2 {

text-align: center;

color: #333;

}

.score-container p {

font-size: 16px;

margin: 8px 0;

}

.score-container h3 {

color: #007bff;

text-align: center;

}

**Step 5: Edit App.js to Render Component**

Open **src/App.js** and modify as follows:

import React from 'react';

import CalculateScore from './Components/CalculateScore';

function App() {

return (

<div>

<CalculateScore name="John Doe" school="ABC High School" total={450} goal={5} />

</div>

);

}

export default App;