**3. ReactJS-HOL**

**Creating a react app for Student Management Portal named scorecalculatorapp and creating 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: Create the React project named “scorecalculatorapp”**

npx create-react-app scorecalculatorapp

cd scorecalculatorapp

**Step 2: Create Components Folder & CalculateScore.js**

**src/components/CalculateScore.js**

import '../Stylesheet/mystyle.css';

const percentToDecimal = (decimal) => {

return (decimal.toFixed(2) + '%');

};

const calcScore = (total, goal) => {

return percentToDecimal(total / goal);

};

function CalculateScore(props) {

return (

<div className="formatstyle">

<h2>Student Details:</h2>

<p><span className="Name">Name:</span> {props.Name}</p>

<p><span className="School">School:</span> {props.School}</p>

<p><span className="Total">Total:</span> {props.total}Marks</p>

<p><span className="Score">Score:</span>{calcScore(props.total, props.goal)}</p>

</div>

);

}

export default CalculateScore;

**Step 3: Create Stylesheet Folder & mystyle.css**

**src/Stylesheets/mystyle.css**

.Name {

font-weight: 300;

color: blue;

}

.School {

color: crimson;

}

.Total {

color: darkmagenta;

}

.formatstyle {

text-align: center;

font-size: large;

}

.Score {

color: forestgreen;

}

**Step 4: App.js**

import CalculateScore from './Components/CalculateScore';

function App() {

return (

<div>

<CalculateScore

Name={"Steeve"}

School={"DNV Public School"}

total={284}

goal={3}

/>

</div>

);

}

export default App;

**Step 5: Run Your Project**

npm start

<http://localhost:3000>

