**Digital Nurture 4.0 Java FSE**

**Week 6 ReactJS - HOL**

**Mandatory Exercise (HandsOn 3)**

**Exercise 03:** 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.

**Answer:**

**CalculateScore.js:**

import React from 'react';

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

function calcScore(total, goal) {

return ((total / goal) \* 100).toFixed(2);

}

function CalculateScore({ Name, School, total, goal }) {

return (

<div className="formatstyle">

<h2>Student Scorecard</h2>

<div><span className="Name">Name: </span>{Name}</div>

<div><span className="School">School: </span>{School}</div>

<div><span className="Total">Total Marks: </span>{total}</div>

<div><span className="Goal">Goal: </span>{goal}</div>

<div><span className="Score">Average Score: </span>{calcScore(total, goal)}%</div>

</div>

);

}

export default CalculateScore;

**mystyle.css:**

.formatstyle {

text-align: center;

font-size: large;

padding: 20px;

margin-top: 50px;

background-color: #f9f9f9;

border-radius: 12px;

box-shadow: 3px 4px 12px rgba(0,0,0,0.2);

}

.Name {

color: blue;

font-weight: 300;

}

.School {

color: crimson;

}

.Total {

color: darkmagenta;

}

.Score {

color: forestgreen;

}

**App.js:**

import React from 'react';

import './App.css';

import CalculateScore from './Components/CalculateScore';

function App() {

return (

<div className="App">

<CalculateScore

Name="Steeve"

School="DNV Public School"

total={284}

goal={3}

/>

</div>

);

}

export default App;

**Output:**



