**Exercise 3:3. ReactJS-HOL**

**//CalculateScore.js**

import React from 'react';

const percentToDecimal = (value) => {

const num = typeof value === 'number' && !isNaN(value) ? value : 0;

return num.toFixed(2) + '%'; // Removed \* 100 to correctly display average as percentage

};

const calcScore = (total, goal) => {

if (goal === 0) {

return "N/A"; // Or handle as an error/specific message

}

return percentToDecimal(total / goal);

};

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

return (

<div className="p-8 bg-white rounded-xl shadow-2xl max-w-md mx-auto my-10 border border-gray-200 text-gray-800 formatstyle">

<h1 className="text-3xl font-bold mb-6 text-center">Student Details</h1>

<div className="mb-4 Name">

<b className="text-lg font-semibold">Name: </b>

<span className="text-lg">{Name}</span>

</div>

<div className="mb-4 School">

<b className="text-lg font-semibold">School: </b>

<span className="text-lg">{School}</span>

</div>

<div className="mb-4 Total">

<b className="text-lg font-semibold">Total Marks: </b>

<span className="text-lg">{total}</span>

</div>

<div className="mb-6">

<b className="text-lg font-semibold">Goal: </b>

<span className="text-lg text-blue-700">{goal}</span>

</div>

<div className="mt-8 p-6 bg-blue-50 rounded-lg shadow-inner w-full text-center Score">

<h3 className="text-2xl font-semibold text-gray-700 mb-2">Score Percentage:</h3>

<p className="text-5xl font-extrabold">{calcScore(total, goal)}</p>

</div>

</div>

);

}

export default CalculateScore;

**//mystyle.css**

html {

scroll-behavior: smooth;

}

body {

margin: 0;

font-family: 'Inter', sans-serif;

-webkit-font-smoothing: antialiased;

-moz-osx-font-smoothing: grayscale;

background-color: #f0f2f5;

min-height: 100vh;

display: flex;

flex-direction: column;

justify-content: center;

align-items: center;

}

code {

font-family: source-code-pro, Menlo, Monaco, Consolas, 'Courier New', monospace;

}

.Name {

font-weight: 300;

color: blue;

}

.School {

color: crimson;

}

.Total {

color: darkmagenta;

}

.formatstyle {

text-align: center;

font-size: large;

}

.Score {

color: forestgreen;

}

**//App.js**

import React from 'react';

import './StyleSheets/mystyle.css';

function App() {

return (

<div className="min-h-screen flex items-center justify-center bg-gray-100 p-4">

<CalculateScore

Name={"Steeve"}

School={"DNV Public School"}

total={284} // This 'total' prop is a fixed value passed from App.js

goal={3}

/>

</div>

);

}

export default App;

