1. **ReactJS-HOL**

**Question:** 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.

**Code:**

**CalculateScores.js**

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

const percentToDecimal = (decimal) => {

    return (decimal.toFixed(2) + '%')

}

const calcScore = (total, goal) =>{

    return percentToDecimal(total/goal)

}

export const CalculateScore = ({ Name, School, total, goal }) => (

    <div className='formatstyle'>

        <h1><font color="Brown">Student Details:</font></h1>

        <div className='Name'>

            <b><span>Name: </span></b>

            <span>{Name}</span>

        </div>

        <div className='School'>

            <b><span>School: </span></b>

            <span>{School}</span>

        </div>

        <div className='total'>

            <b><span>Total: </span></b>

            <span>{total}</span>

        </div>

        <div className='goal'>

            <b><span>Goal: </span></b>

            <span>

                {calcScore(total, goal)}

            </span>

        </div>

    </div> );

**Mystyle.css**

.Name {

    font-weight: 300;

    color: blue;

}

.School {

    color: crimson;

}

.Total {

    color: darkmagenta;

}

.formatstyle {

    text-align: center;

    font-size: large;

}

.Score {

    color: forestgreen;

}

**index.js**

import React from 'react';

import ReactDOM from 'react-dom/client';

import './index.css';

import App from './App';

import reportWebVitals from './reportWebVitals';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(

  <React.StrictMode>

    <CalculateScore

      Name={"Fazil"}

      School={"SMVEC"}

      total={498}

      goal={5}

    />

  </React.StrictMode>

);

reportWebVitals();

**OUTPUT:**

