**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.**

**Steps:**

1. Create a React project named “scorecalculatorapp”. Type the following in command prompt.

npx create-react-app scorecalculatorapp

1. Navigate into the project folder.

cd scorecalculatorapp

1. Create a new folder inside src named Components.
2. Inside src/Components/, create a file CalculateScore.js
3. Type the following code in CalculateScore.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 }) => {

return (

<div className="formatstyle">

<h1 style={{ color: "brown" }}>Student Details:</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>

<span> Marks</span>

</div>

<div className="Score">

<b>Score:</b>

<span> {calcScore(total, goal)}</span>

</div>

</div>

);

};

1. Create a new folder inside src named StyleSheets.
2. Inside src/StyleSheets/, create a file mystyle.css
3. Type the following code in mystyle.css:

.Name {

font-weight:300;

color:blue;

}

.School {

color:crimson;

}

.Total {

color:darkmagenta;

}

.formatstyle {

text-align:center;

font-size:large;

}

.Score {

color:forestgreen;

}

1. Edit the App.js to invoke the CalculateScore functional component as follows:

import logo from './logo.svg';

import './App.css';

import {CalculateScore} from './Components/CalculateScore';

function App() {

return (

<div>

<CalculateScore Name={"Meghana P R"}

School={"VIPS"}

total={284}

goal={3}/>

</div>

);

};

export default App;

1. In command Prompt, navigate into scorecalculatorapp and execute the code by typing the following command:

npm start

1. Open browser and type “localhost:3000” in the address bar.

**Output:**

