Name: Amogh Girish Nagarkar

Super Set ID: 6403503

**Objectives:**

* Create a function component
* Apply style to components
* Render a component

**Steps**

**1. Create a React Project**

npx create-react-app scorecalculatorapp

**2. Navigate to the Project Folder**

cd scorecalculatorapp

**3. Create Components Folder**

Inside the src folder:

* Create a folder named **Components**.
* Inside it, create a file named **CalculateScore.js**.

**4. Add Code to CalculateScore.js**

import React from 'react';

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

function CalculateScore(props) {

const { name, school, total, goal } = props;

const average = (total / goal) \* 100;

return (

<div className="score-container">

<h1>Student Score Calculator</h1>

<p><strong>Name:</strong> {name}</p>

<p><strong>School:</strong> {school}</p>

<p><strong>Total Marks:</strong> {total}</p>

<p><strong>Goal Marks:</strong> {goal}</p>

<h2>Average Score: {average.toFixed(2)}%</h2>

</div>

);

}

export default CalculateScore;

**5. Create Stylesheet**

Inside src, create a folder named **Stylesheets**.  
Inside it, create a file named **mystyle.css**:

.score-container {

background-color: #f9f9f9;

border: 1px solid #ccc;

padding: 20px;

width: 300px;

margin: 40px auto;

text-align: center;

border-radius: 10px;

box-shadow: 0px 4px 8px rgba(0, 0, 0, 0.1);

}

h1 {

color: #2a2a2a;

}

h2 {

color: #007bff;

}

p {

font-size: 16px;

margin: 5px 0;

}

**6. Edit App.js**

Open src/App.js and replace its content with:

import './App.css';

import CalculateScore from './Components/CalculateScore';

function App() {

return (

<div className="App">

<CalculateScore name="John Doe" school="ABC High School" total={450} goal={500} />

</div>

);

}

export default App;

**7. Run the App**

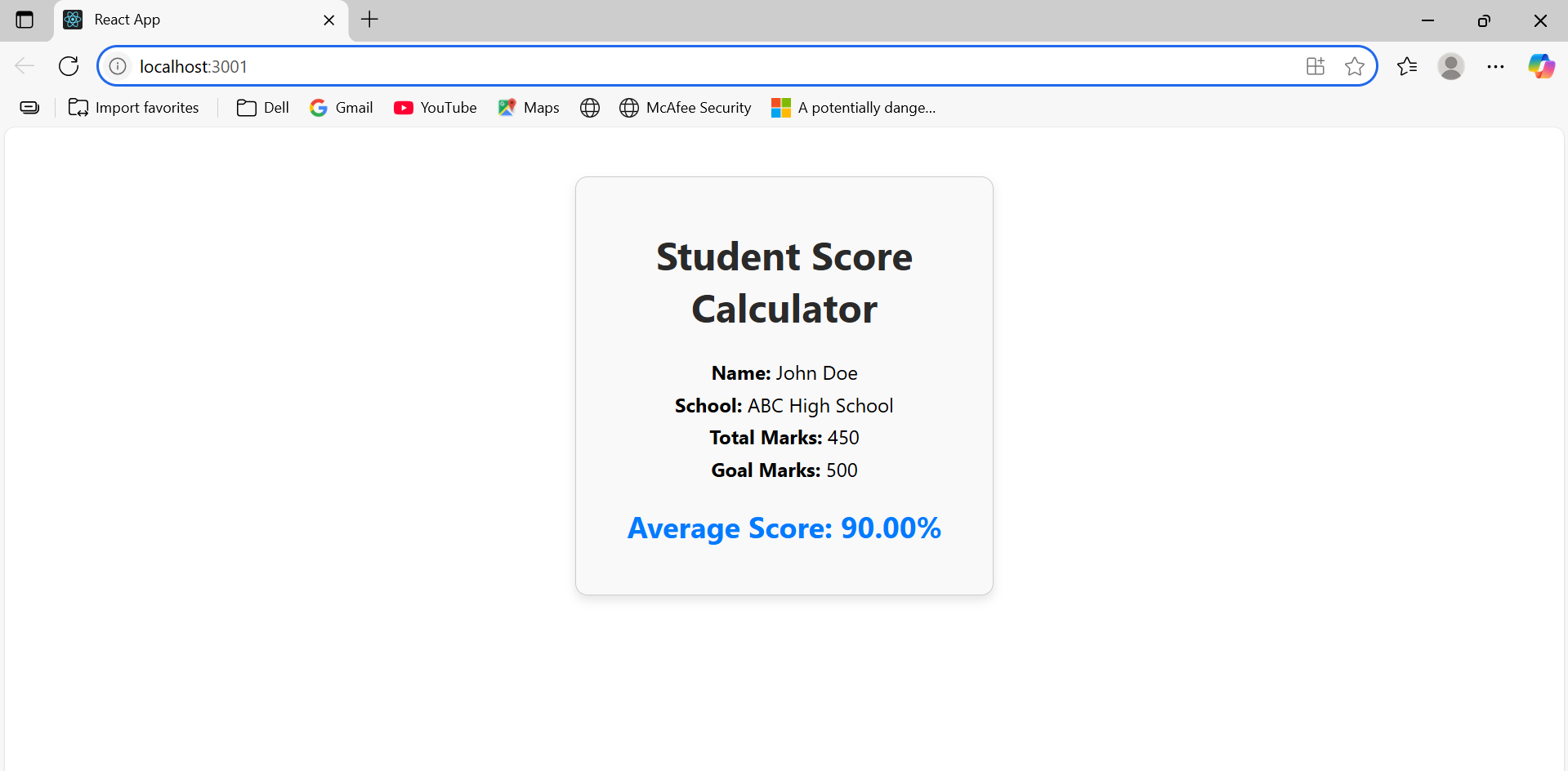
npm start

**8. Open the Browser**

Go to:

http://localhost:3001

**Output:**

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