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.

1. **Create a React project named "scorecalculatorapp" type the following command in terminal of Visual studio:**

2. **Create a new folder under Src folder with the name "Components". Add a new file named "CalculateScore.js"**

3. **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}) =>(
   <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>
         <span>Marks</span>
      </div>
       <div className="Score">
          <b>Score:</b>
```

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

4. **Folder named Stylesheets and add a file named "mystyle.css"**

```css
.Name
{
  font-weight:300;
  color:blue;
}
.School
{
  color:crimson;
}
.Total
{
  color:darkmagenta;
}
.formatStyle
{
  text-align:center;
  font-size:large;
}
```

```css
.Score
{
    color:forestgreen;
}
```

5.App.js

```jsx
import './App.css';
import {CalculateScore} from'../src/Components/CalculateScore';

function App() {
  return (
    <div>
      <CalculateScore Name={"Hema"}
      School={"ABC public School"}
      total={290}
      goal={3}
      />
    </div>
  );
}

export default App;
```

```
> scorecalculatorapp@0.1.0 start
> react-scripts start

(node:29336) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Please use the 'setupMidd
lewares' option.
(Use `node --trace-deprecation ...` to show where the warning was created)
(node:29336) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Please use the 'setupMi
ddlewares' option.
Starting the development server...
Compiled successfully!

You can now view scorecalculatorapp in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://10.159.9.193:3000

Note that the development build is not optimized.
To create a production build, use npm run build.

webpack compiled successfully
Terminate batch job (Y/N)? |
```
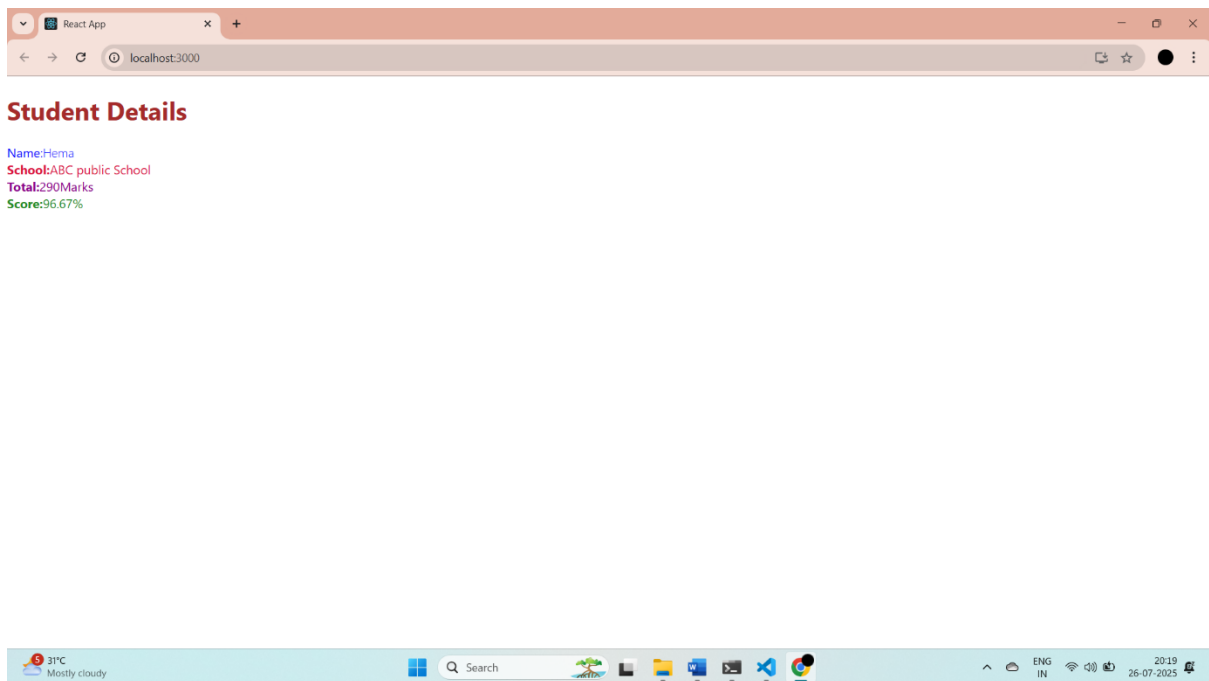
7. Open browser and type "localhost:3000" in the address bar:

React App   localhost:3000

Student Details

Name: Hema
School:ABC public School
Total:290Marks
Score:96.67%

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