

## React hand-on 3

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.

Step1: create react app

Step2; create src/component folder then create CalculatorScore.js file

```
import React from 'react';
```

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

```
function CalculateScore(props) {
```

```
  const average = props.total / props.goal;
```

```
  return (
```

```
    <div className="score-card">
```

```
      <h2>Student Score Calculator</h2>
```

```
      <p><strong>Name:</strong> {props.name}</p>
```

```
      <p><strong>School:</strong> {props.school}</p>
```

```
      <p><strong>Total Score:</strong> {props.total}</p>
```

```
      <p><strong>Goal:</strong> {props.goal}</p>
```

```
      <p><strong>Average Score:</strong> {average}</p>
```

```
</div>

);

}

export default CalculateScore;
```

Step3:create src/Stylesheets folder and create mystyle.css file

```
.score-card {
  background-color: #f5f5f5;
  border: 2px solid #ccc;
  padding: 20px;
  margin: 20px;
  width: 350px;
  border-radius: 10px;
  box-shadow: 0 4px 8px rgba(0,0,0,0.1);
  font-family: Arial, sans-serif;
}

.score-card h2 {
  color: #4CAF50;
  margin-bottom: 10px;
}
```

Step4: src/app.js

```
import React from 'react';
```

```
import './App.css';
```

```
import CalculateScore from './Components/CalculateScore';
```

```
function App() {
```

```
  return (
```

```
    <div className="App">
```

```
      <h1>Score Calculator App</h1>
```

```
      <CalculateScore name="John Doe" school="Greenwood High" total={450}  
goal={5} />
```

```
    </div>
```

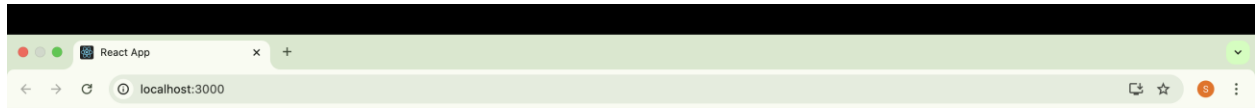
```
  );
```

```
}
```

```
export default App;
```

Step5: npm start

Output:



## Score Calculator App

**Student Score Calculator**  
**Name:** shals  
**School:** Greenwood High  
**Total Score:** 450  
**Goal:** 5  
**Average Score:** 90