

WEEK 6 - 3) REACT JS - HANDS ON EXERCISES

1) Create a react app for Student Management Portal named scorecalculator 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

[CalculateScore.js](#)

```
JS CalculateScore.js X # mystyle.css JS App.js
src > Components > JS CalculateScore.js > ...
1  import React from 'react';
2  import '../styles/mystyle.css';
3
4  function CalculateScore() {
5    const name = "Varsha";
6    const school = "PEC School";
7    const total = 450;
8    const goal = 500;
9
10   const average = (total / goal) * 100;
11
12   return (
13     <div className="box">
14       <h2>Student Score Calculator</h2>
15       <p><strong>Name:</strong> {name}</p>
16       <p><strong>School:</strong> {school}</p>
17       <p><strong>Total Marks:</strong> {total}</p>
18       <p><strong>Goal:</strong> {goal}</p>
19       <p><strong>Average Score:</strong> {average.toFixed(2)}%</p>
20     </div>
21   );
22 }
23
24 export default CalculateScore;
```

Mystyle.css

```
JS CalculateScore.js  # mystyle.css X JS App.js
src > styles > # mystyle.css > .box
1  .box {
2    background-color: pink;
3    padding: 30px;
4    border: 2px solid red;
5    font-size: 20px;
6  }
7
8  h2 {
9    color: green;
10   text-align: center;
11 }
12
```

App.js

```
JS CalculateScore.js  # mystyle.css  # App.css JS App.js X
src > JS App.js > ...
1  import './App.css';
2  import CalculateScore from './Components/CalculateScore';
3
4  function App() {
5    return (
6      <div className="App">
7        <CalculateScore />
8      </div>
9    );
10 }
11
12 export default App;
13
```

OUTPUT :

