

WEEK 6

HANDS ON LAB 3:

TITLE: Student Score Calculator React App

1. CalculateScore.js

Path: src/Components/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>Name:</b> <span>{name}</span>
      </div>

      <div className="School">
        <b>School:</b> <span>{school}</span>
      </div>

      <div className="Total">
        <b>Total:</b> <span>{total}</span> Marks
      </div>

      <div className="Score">
        <b>Score:</b> <span>{calcScore(total, goal)}</span>
      </div>
    </div>
  );
};
```

2. mystyle.css

Path: src/Stylesheets/mystyle.css

```
.Name {
```

```
    font-weight: 300;
    color: blue;
  }

  .School {
    color: crimson;
  }

  .Total {
    color: darkmagenta;
  }

  .formatstyle {
    text-align: center;
    font-size: large;
  }

  .Score {
    color: forestgreen;
  }
```

3. App.js

Path: src/App.js

```
import React from 'react';
import './App.css';
import { CalculateScore } from './Components/CalculateScore';

function App() {
  return (
    <div className="App">
      <CalculateScore
        name="Steeve"
        school="DNV Public School"
        total={284}
        goal={300}
      />
    </div>
  );
}

export default App;
```

4. Run the App

Open terminal in the scorecalculatorapp folder and run:

```
npm start
```

Then open your browser and go to:

http://localhost:3000

OUTPUT:



Student Details:

Name: Steeve

School: DNV Public School

Total: 284 Marks

Score: 94.67%