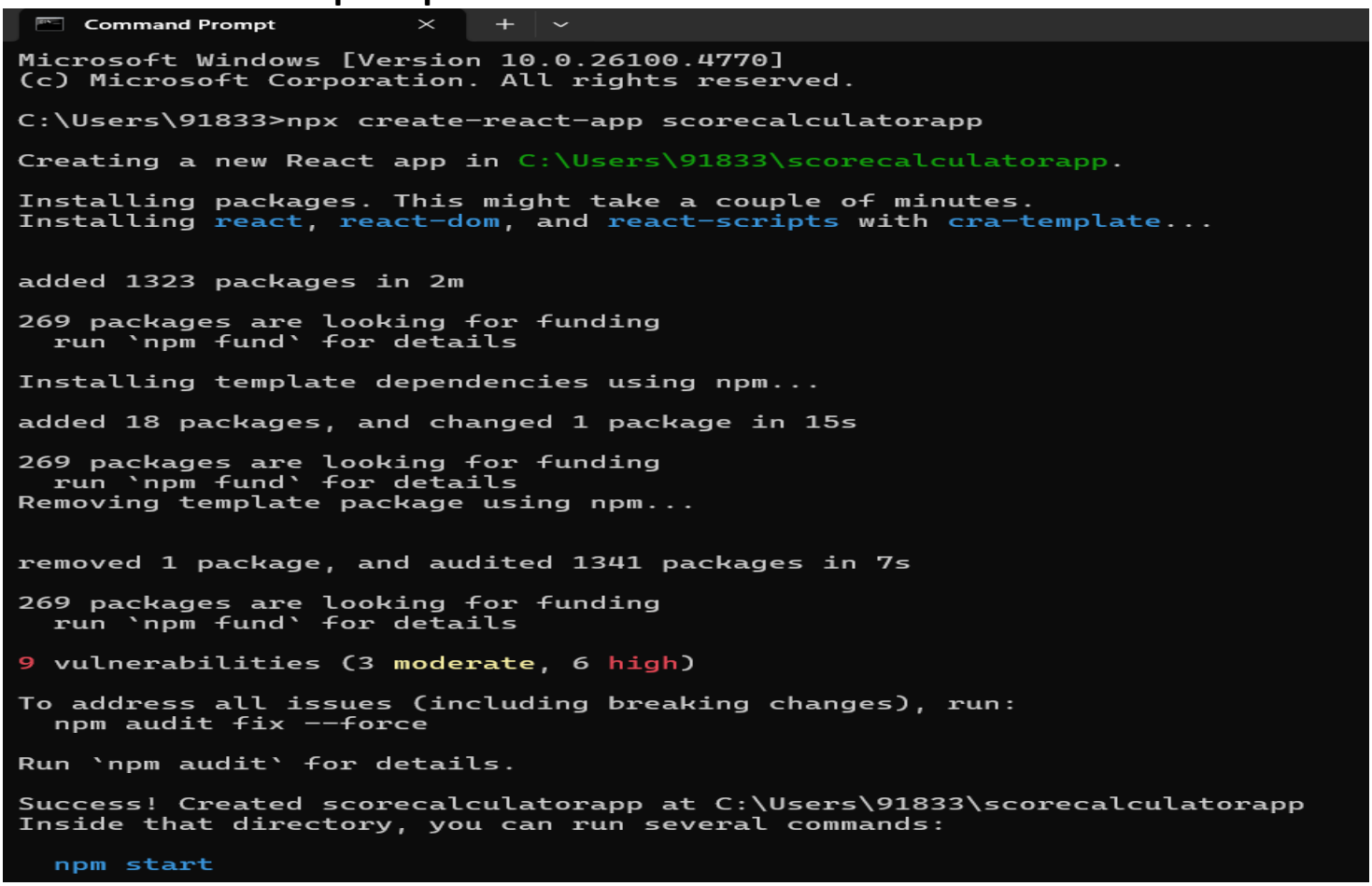
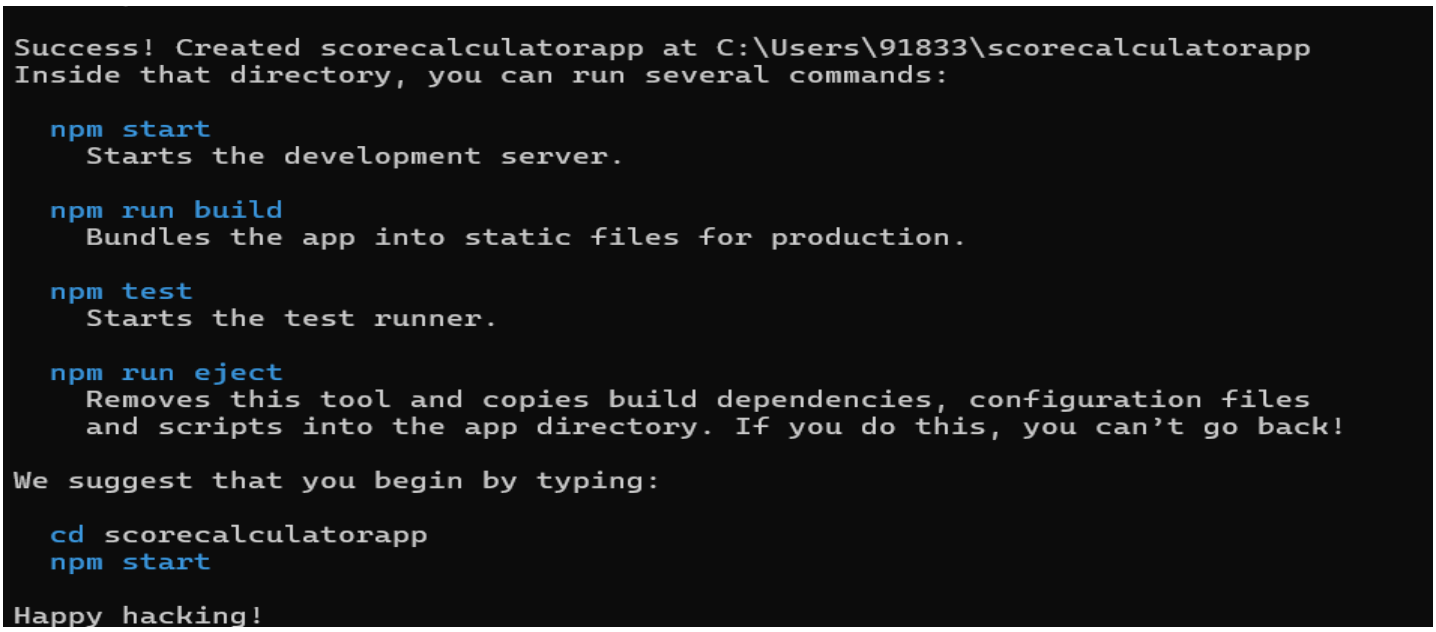
3. ReactJS-HOL From React Folder:

Create a React project named “scorecalculatorapp” type the following command in terminal of Visual studio:

```
C:>npx create-react-app scorecalculatorapp
```

Pic From Command prompt:





➔Create Components folder in the src .

➔In that components file create file calculateScore.js.

➔Now create a folder Stylesheets.

➔In this folder create file Mystyle.css

CalculateScore.js:

CalculateScore.js | Mystyle.css | App.js

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 }) => (
  <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>
);
```

Mystyle.css:

> Stylesheets > # Mystyle.css > ...

```
.Name {
  font-weight: 300;
  color: blue;
}

.School {
  color: crimson;
}

.Total {
  color: darkmagenta;
}

.Score {
  color: forestgreen;
}

.formatstyle {
  text-align: center;
  font-size: large;
  font-family: Arial, sans-serif;
}
```

Change the code in App.js:

```
JS App.js > ...
import { CalculateScore } from './Components/CalculateScore';

function App() {
  return (
    <div>
      <CalculateScore
        Name="Sruthi"
        School="KLU"
        total={450}
        goal={5}
      />
    </div>
  );
}

export default App;
```

Run The code:

npm start

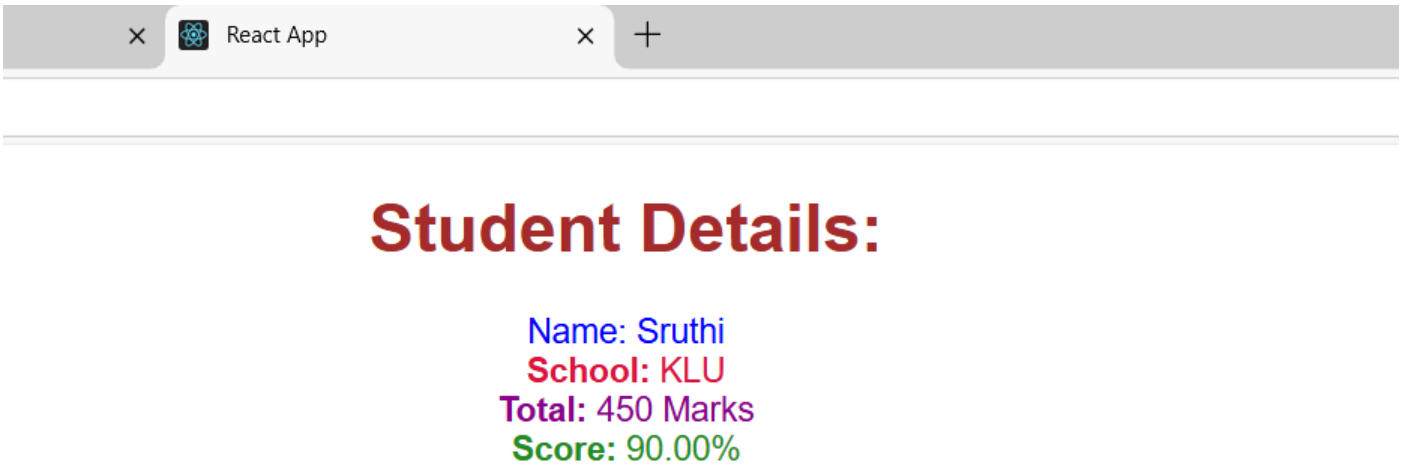
```
You can now view scorecalculatorapp in the browser.


  Local:            http://localhost:3002
  On Your Network:  http://192.168.75.1:3002

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

webpack compiled successfully
```

output:


React App
Student Details:
Name: Sruthi
School: KLU
Total: 450 Marks
Score: 90.00%