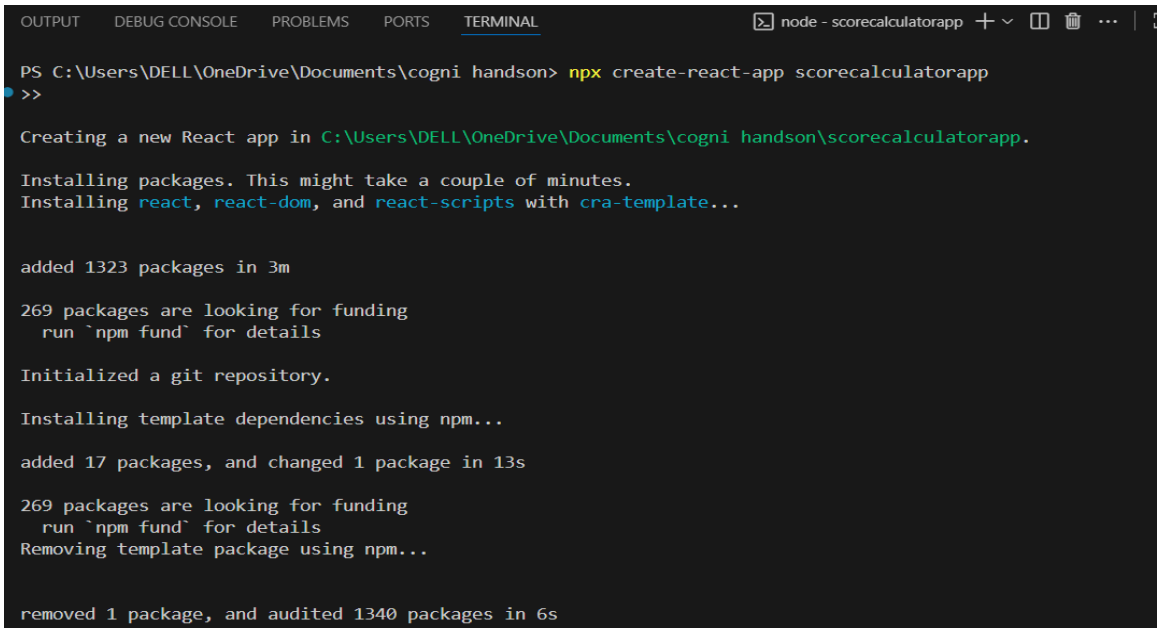
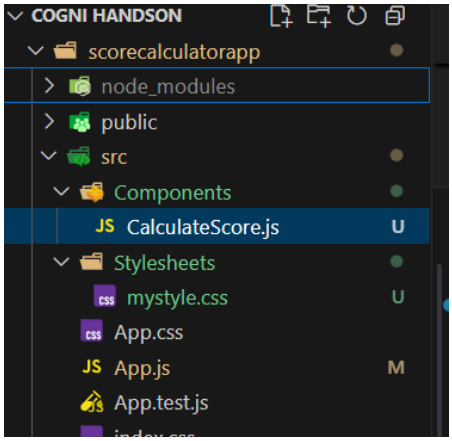
Name:- Vidya CS **TRACK: JAVA FSE**

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.

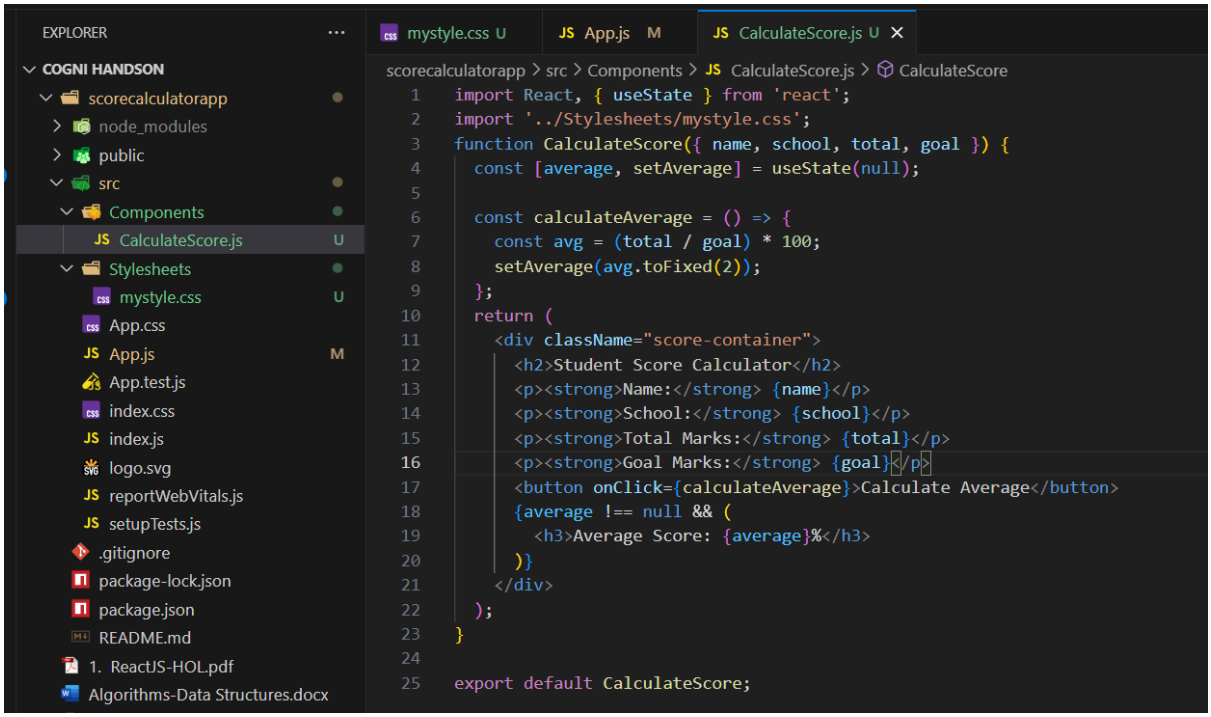
1)Create a React project named "scorecalculatorapp" type the following command in terminal of Visual studio:



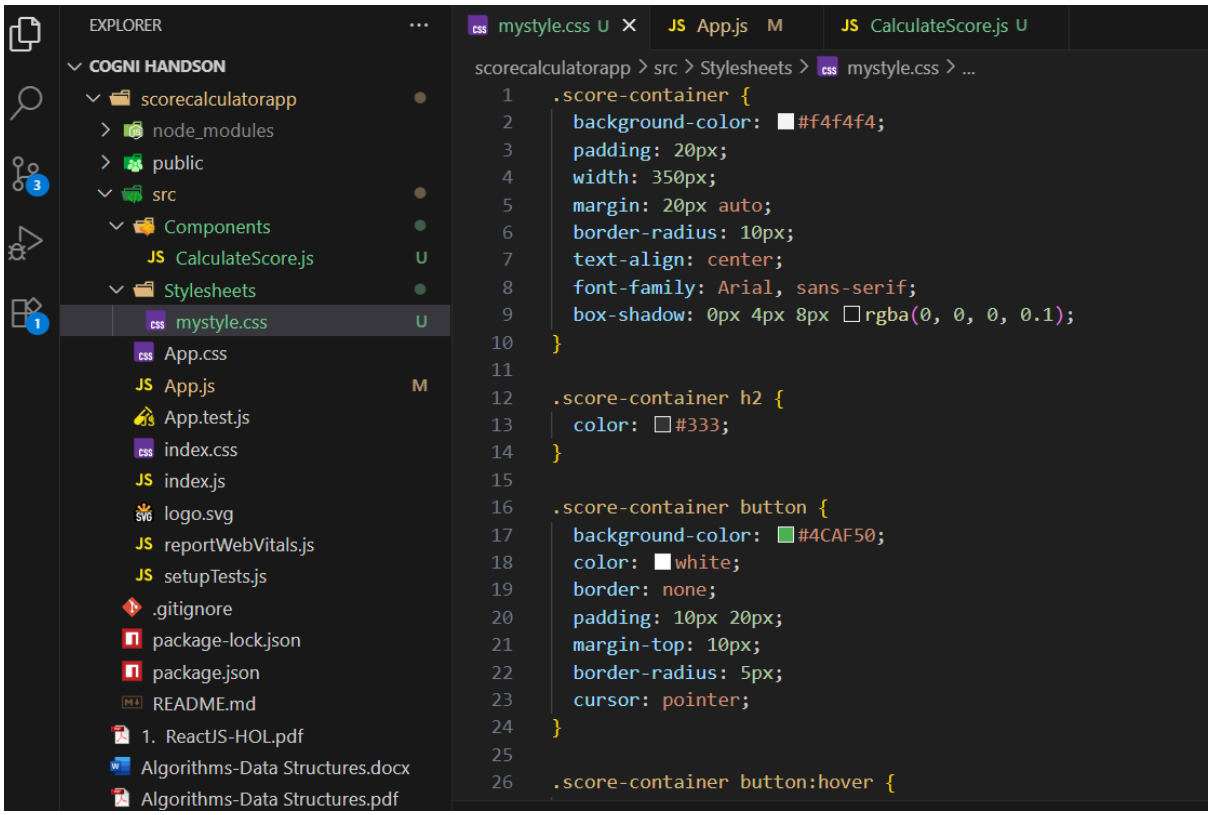
2)Create a new folder under Src folder with the name "Components". Add a new file named "CalculateScore.js"



3)Code in CalculateScore.js



4)Create a Folder named Stylesheets and add a file named “mystyle.css” in order to add some styles to the components:



5)Edit the App.js to invoke the CalculateScore functional component as follows:

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

function App() {
  return (
    <div className="App">
      <CalculateScore
        name="Alice"
        school="Dayananda Sagar Academy of Technology and Management"
        total={450}
        goal={500}
      />
    </div>
  );
}

export default App;
```

6)In command Prompt, navigate into scorecalculatorapp and execute the code by typing the following command:

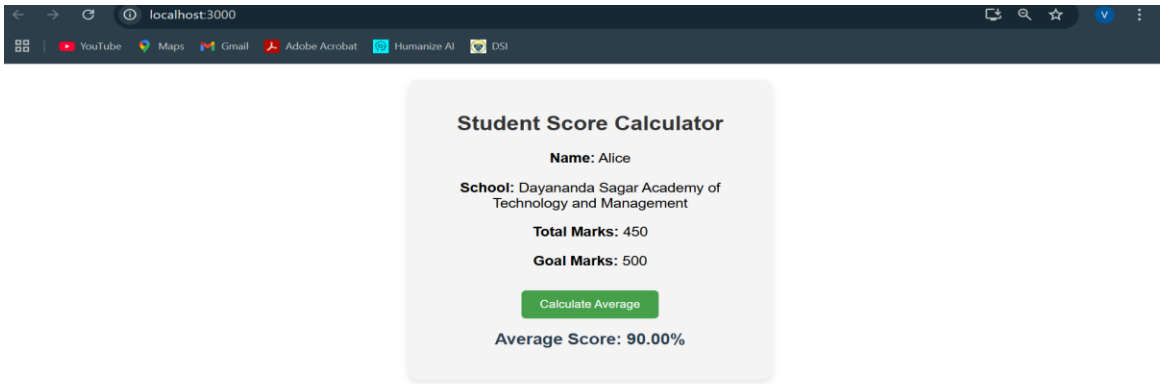
```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

Compiled successfully!

You can now view scorecalculatorapp in the browser.

  Local:            http://localhost:3000
  On Your Network:  http://192.168.167.171:3000

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

webpack compiled successfully
```

7)Open browser and type “localhost:3000” in the address bar