Exercise 4

React Frontend Development

1. Download the React application **studentapp** from the Moodle, extract it, and place it on the Desktop.
2. Add this folder as a workspace in Visual Studio Code.
3. Execute the command to run the react application.
4. Edit the **"StudentsList"** component to import student details from **"StudentsData.js"** where the student information is organized as an array of objects. The component should render all the student details in a table. Use map method and arrow function.
5. Apply the Bootstrap classes to style the **StudentList** tables. To apply Bootstrap,
6. Install the bootstrap in your app.

**npm install bootstrap**

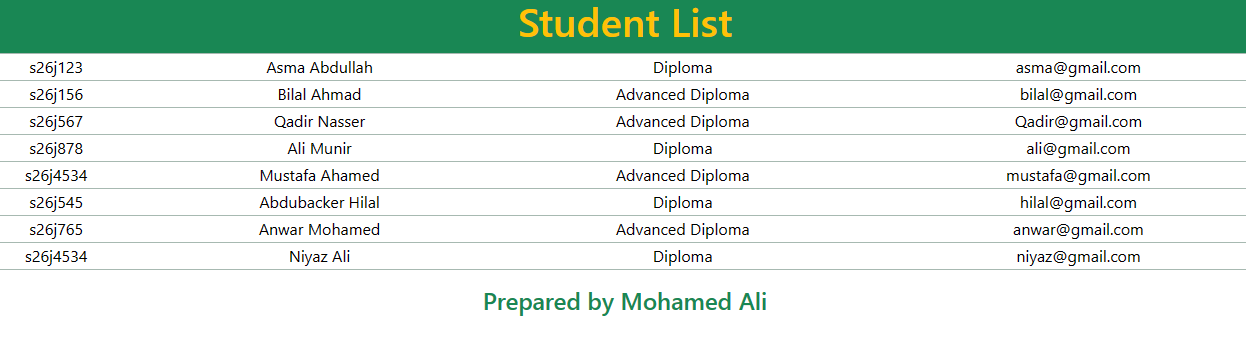
1. Import the bootstrap file in **index.js**

**import 'bootstrap/dist/css/bootstrap.css'**

1. Edit the **"Header"** component, so that it displays the **"Student List"** as the heading. Change the color of the heading using the Bootstrap class.
2. Edit the **"App.js"** file to render all components according to the provided wireframe, apply the essential Bootstrap classes to ensure the proper display.

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| Header Component |
| StudentList Component |
| Footer Component |

1. Compress the application using 7-Zip and then upload it to the provided link in Moodle.

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