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**Git hub repository link:--** <https://github.com/mayank5654/practice-project-1.14-retrieve-student-data>

### **Problem Statement: Retrieving and Displaying Student Data**

**Background:--**As part of the prototyping process for developing software at Rainbow Schools, there is a need for a simple system to store students' data in a text file and display it on the screen.

**File Path Specification:---**This program expects the student data to be stored in a text file. The file path is specified as a variable in the program (filePath), allowing flexibility for different file locations.

**Displaying Student Data:--** I included a method named DisplayStudentData responsible for reading and displaying student data. In case of any errors during file reading, the program catches exceptions and displays an error message.

**Console Output:** The console output is designed to present the student data in a readable format. The header "Student Data" is displayed to provide context for the presented information.

**User Interaction:--** In this program I include a pause at the end (Console.ReadKey()) to keep the console window open, allowing the user to review the displayed information.

**Usage Instructions:--** I replaced the filePath variable with the actual path "D:/practic exercise/practice project/project1.14/student data.txt"; to the text file containing student data. Build and run the application. Review the displayed student data on the console.

**Note:--**The provided solution assumes that each line in the text file represents the data for one student. Adjustments can be made based on the actual data format.