Program to Retrieve Student Details form Text File

Introduction:

The given problem statement is we need to retrieve the students details form the text file using the C# Console Application.

For this problem statement first I create the student object in the student.cs file with three elements named as Name, Age, Grade to retrieve the data from the text file.

Then in program.cs file I provide the filePath to open and read the content in the file.

Then to read each line in the text file here I used the File.ReadAllLines() method.

After reading the file I need to parse the data into the student object with help of foreach loop.

To display the student data here I use the same foreach loop as well.

Prerequisites:

Visual Studio Community Edition

Notepad text file

Github Account

Data Format:

The data format here I used to store the student details is the notepad text file. Which contains the bunch of student data that we want to show on the console.

Code Implementation:

First here for the students data I created the student object to know what kind of data format present in the text file. After getting the knowledge of the data I created the student object in student.cs file.

Then after implementing the student object I created the program.cs file where actually I need to read and parse the data from the text file.

For reading the data form the text file I used File.ReadAllLines() method to read all the line in the text file.

After reading the data form the text file, it must be parse through the student object where the actual validation done whether the given details is matching with the text file are not.

Github Repository Link: https://github.com/MANOJ-M07/project-1

Conclusion:

The key point in the program is here I used the try catch validation to check the validation whether the text data in the file is matching are not.

It runs successfully and shows the students details as well as the incorrect format of data in the console as well.