

Assisted Project - Retrieve Student Data from a Text File with the Option of Sorting and Searching.

1. Introduction

In this project we created a text file `student_data.txt` which stores data of students such as student id, name and grade and called that data into our program to manipulate the data. The program was developed as a Visual Studio Project using C#. The student data will be stored in a simple text file, and the project's source code will be tracked on GitHub.

2. Project Setup

A Visual Studio project called `ConsoleApp` was created with console type as .NET(C#) and saved.

3. Data Format

The text file, "`student_data.txt`," will be used to store student data. The data format will be as follows:

StudentID, Name, Grade

1, Dev, 12

2, Rose, 10

3, Surath, 11

4. Coding the Program

The `Program.cs` file in the project was opened and the C# code was written to retrieve and display student data from the text file.

5. Testing the Program

The project was built and run within Visual Studio. It was ensured that the "student_data.txt" file is present in the project directory or full path to the file was provided in the code.

6. Creating a GitHub Repository

Create a new GitHub repository with an appropriate name

"RetrieveStud(SortndSearching26Oct)"

Initialize a Git repository in the local project folder using the following command in the terminal or Git Bash:

```
git init
```

```
git add .
```

```
git commit -m "Changes are committed"
```

```
git push -u origin master
```