

Coding Assignment Checklist

X

Create a command line app that will accept 3 files as inputs.

GR.Client.Console Created

File paths added to "Debug" project settings.

X

Populate people related data in each file delimited format.

"|" created in GR.Client -> LocalData\FileStructure1.txt"

"," created in GR.Client -> LocalData\FileStructure2.txt"

" " created in GR.Client -> LocalData\FileStructure3.txt"

X

Write a program in a language of your choice (C#) to read in records from these files and combine them into a single set of records.

GR.Client -> Program.cs -> Main.cs -> ParsePersonDataFile

X

Build a REST API to access your system. **Within the same code base.**

GR.Client.Console -> Program.RecordsController.cs Created

X

Create POST /records API call

GR.Client.Console -> Program.RecordsController.cs -> SavePerson

X

Create GET /records/gender API call

GR.Client.Console -> Program.RecordsController.cs -> GetGenders

X

Create GET /records/birthdate API call

GR.Client.Console -> Program.RecordsController.cs -> GetBirthDates

X

Create GET /records/name API call

GR.Client.Console -> Program.RecordsController.cs -> GetNames

X

Create and display 3 different views of the data you read in.

Output 1 – Sorted by gender (females before males)
then by last name ascending.

Output 2 – Sorted by birth date, ascending.

Output 3 – Sorted by last name, descending.

GR.Client.Console -> Program.cs -> Start

GR.Client.Console -> Program.Server.cs -> PostData

GR.Client.Console -> Program.cs -> DisplayData

GR.Client.Console -> Program.Server.cs -> GetData

X

Provide unit test

GR.Client.Console.Tests -> RecordsControllerTests.cs Created