



Sirma Solutions

Task: Pair of employees that have worked as a team for the longest time

Initial data

The text file is in format:

EmpID, ProjectID, DateFrom, DateTo

Example data:

143,	12,	2013-11-01,	2014-01-05
218,	10,	2012-05-16,	NULL
143,	10,	2009-01-01,	2011-04-27
...			

Mandatory conditions

1. To create an application which finds the pair of employees that have worked as a team for the longest time at the same projects.
2. DateTo assigns value „NULL“(equivalent to „today“).
3. **Data to be loaded from a text file.**
4. The program must start without any code changes, i.e. after the code “checkout” and import in IDE.
5. The program can start and visualize the output/result in a console.
6. To be followed „code convention“, according to the programming language used by you:
 - a) C# - (<https://docs.microsoft.com/en-us/dotnet/csharp/programming-guide/inside-a-program/coding-conventions>)
 - b) Others – see here (https://en.wikipedia.org/wiki/Coding_conventions)
6. Task solution – to be uploaded in github.
 - a) Repository Name to be „FirstName-LastName- employees (т.е. ivan-ivanov-employess).
7. Delivery time - one day.

Bonus conditions

1. Create UI where the user can choose a file from the file system and after the file selection, to see the result in “datagrid” with following columns Employee ID #1, Employee ID #2, Project ID, Days worked.
2. To support more than one or all date format (for „all“ - more points will be granted).