

Small Co.

You work for Small Co. They have just decided to make a tracking system for all their current employees. Up until this point, they've been keeping track of all employees in a CSV (see attached), but they want something that looks a little prettier and is harder to accidentally change multiple employees' info at once. They still want their new thing to update the CSV, because there's already an ecosystem built up around processing that CSV, but they may eventually migrate to a database in the future. For the purposes of this project, all that is needed is a command-line interface to do work on the employee database.

Load the CSV as a database of employees, and let me input search parameters. Return the employees that match the search results. At a minimum, I should be able to enter a number and it'll search the employee id field or a string and it should search the last name field. Anything else is up to you - what if I input numbers and strings at the same time? In what order should things be displayed/returned? What if there is no match? You're free to solve these problems in your own way. The code you write and the decisions (and reasons) for them will be topics of discussion in the next round of interviews

Requirements:

- Program is written in C# for Mono/.Net Framework/.Net Core (You can choose the runtime, just let us know what you choose)
- When compiled, the program runs as a command-line interface that can search the employee list based on the available data in the CSV
 - Search by employee ID or Last Name at a minimum
- A "ReadMe" file with instructions on how to run your program
- When you are done, please send a zipped up copy of your code (or a link to your git repo)

Guidelines

- Please spend no more than 3 hours on this.
- Feel free to make assumptions about the project requirements, please just make sure they are noted somewhere in your "ReadMe" file
- Creativity is encouraged, so long as the final product fits the stated requirements.
- You can use any open source libraries or tools that you wish