

Exercise Description

Please complete the following assignment as the next step of the interviewing process.

While the task itself is not very complex, it will give us a chance to review your C# skills, application of best practices, design patterns and code structure.

Keep in mind scalability and modularity.

Business requirements

1.) The program should read a list of companies with accompanying information from files formatted in different ways and compile it into one master list that is then displayed on screen.

2.) The data should be sortable in at least the following ways through the user interface:

- a.) By company name
- b.) By contact name
- c.) By years in business, **then** company name

3.) The screen should allow exporting to CSV using the current sorting.

Code requirements

Code must be written in C# (MVC4+, Core MVC) and include all source files.

Must not use third party controls for parsing the files.

Please submit archived file containing the entire Visual Studio solution.

Input files and format

The input files will be hash.txt, comma.txt, and hyphen.txt

a). The input file comma.txt will be have a comma as a delimiter, and have fields in the order: Company Name, Contact Name, Contact Phone Number, Years in business, Contact Email

b). The input file hash.txt will be have a hash tag as a delimiter, and have fields in the order: Company Name, Year Founded, Contact Name, Contact Phone Number

c). The input file hyphen.txt will be have hyphen as a delimiter, and have fields in the order: Company Name, Year Founded, Contact Phone Number, Contact Email, Contact First Name, Contact Last Name

Data should be processed and displayed in the browser, in the following columns, whenever available: Company Name, Years in Business, Contact Name, Contact Phone Number, Contact Email