

Hopefully the task itself will be very simple to implement, but we'd like to see you demonstrate how the candidate would decompose the problem as well as unit test the components they write.

Able to use the libraries that they are most comfortable with, but could write the code itself in C# and when completed, please upload to the public source repository (GitHub, Bitbucket, Gitlab)

Then provide us with a program that reads a CSV file and outputs two text files. The first should show the frequency of the first and last names ordered by frequency descending and then alphabetically ascending.

E.g.

Smith, 4

Jones, 3

Martin, 3

Brown, 1

The second should show the addresses sorted alphabetically by street name.

E.g.

12 Acton St

31 Clifton Rd

22 Jones Rd

So ordered by frequency first (descending) and then alphabetically (ascending).

E.g

For the list of names:

Matt Brown

Heinrich Jones

Johnson Smith

Tim Johnson

E.g

The first list should be:

Johnson, 2

Brown, 1

Heinrich, 1

Jones, 1

Matt, 1

Smith, 1

Tim, 1

As mentioned can you also include a unit test project using which ever unit testing framework you're most comfortable with.