

Agile Technical Coach Skills Assessment

An agile technical coach needs to be able to demonstrate through examples how to write quality code while taking a design perspective into account. Please show your proficiency by completing the following assignment:

Attached to this email are two files, `male-names.txt` and `female-names.txt`. Write a program that displays the number of times that letters appear for all the provided names.

- Example 1: Analysis of a single name:

Tom -> {m=1, o=1, t=1}

- Example 2: Analysis of multiple names:

Tom, Brenda, Martin -> {a=2, b=1, d=1, e=1, i=1, m=2, n=2, o=1, r=2, t=2}

Exact output format is up to the discretion of the implementer.

Please appreciate this is an exercise in coding using best practices. As such it is expected that your solution will be slightly “over engineered” for solving such a simple problem. In other words, view this as an opportunity to show us what good code should look like.

You may pick any language you like to accomplish this task. Both the original source code and a running executable/script are required for consideration.

The final part of this assignment is to do a small write up explaining the best practices you used in your project and where and how you applied them.