# Assignment 1

# Introduction

These assignments are designed to help us understand your capabilities in developing solutions to problems. The goal in the assignment is to have each candidate discuss what they did to solve the problem and hence provide us with a view into how much they understand about the basics of building solutions using software.

Any programming language can be used to solve the assignment as that is of little relevance, rather the emphasis is on the candidate knowing what they did in that language and why.

# Description

We need a solution that can process a file and validate each line, ensuring it meets specified criteria. Those lines that do not match the criteria should be displayed to a user and those lines that do match the criteria should be placed into another file for future processing.

The criteria used to validate each line in the file are as follows:

1. A valid line starts with the characters REC
2. A valid line ends with the characters ENDREC
3. A valid line contains the word ACCOUNT

## Acceptance Criteria

The input file will be processed and all lines not matching the criteria above will be displayed to the user.

A new file will be created containing all the lines that match the criteria.

## Assignment Duration

You have 2 weeks to complete this assignment.

## Presentation

When you have completed the assignment, you need to email [jcatlin@concordservicing.com](mailto:jcatlin@concordservicing.com) to arrange a presentation of your work. The bulk of the presentation will be the candidate talking about their code and describing what it does and then proving that the acceptance criteria have been met.