## Summary

Write code to consume data in a CSV file, and generate reports.

Using C#, write a small program that will read in this text file and generate the below outputs. On the honor system, please give yourself about 4 hours to complete this task and send your results and the created source code back to us.



Input Specification

CSV file. First line is a header. Columns are:

TXN\_DATE - date transaction took place

TXN\_TYPE - type of transaction (BUY/SELL)

TXN\_SHARES - number of shares affected by transaction

TXN\_PRICE - price per share

FUND - name of fund in which shares are transacted

INVESTOR - name of the owner of the shares being transacted

SALES\_REP - name of the sales rep advising the investor

Output Specification:

1. Provide a Sales Summary:

For each Sales Rep, generate Year to Date, Month to Date, Quarter to

Date, and Inception to Date summary of cash amounts sold across all

funds.

2. Provide an Assets Under Management Summary:

For each Sales Rep, generate a summary of the net amount held by

investors across all funds.

3. Break Report:

Assuming the information in the data provided is complete and accurate,

generate a report that shows any errors (negative cash balances,

negative share balance) by investor.

4. Investor Profit:

For each Investor and Fund, return net profit or loss on investment.