**CSCI 465/565 Assignment 4 – Introduction to COBOL Spring 2017**

**50 points**

**Overview**

This program will give you a chance to write a complete COBOL program that creates a single report based on information contained in a file with an unknown number of records.

Ignoring the first record in the file, read each of the records in the semester’s data PDS member named DATA4. For each of the records you read in from DATA4, move each of the pieces of data to a single detail line.

Be sure to display the Deposit Amount in full numeric-edited format with a floating dollar sign, commas where appropriate, decimal point and two decimal digits. Display the Commission Percent Flag in a two-byte numeric-edited output field suppressing the leading 0.

Double space between detail lines and use the full 132 bytes available across a single detail line.

Do NOT print headers or column headers, do NOT call the CURRENT-DATE Intrinsic Function, and do NOT count pages or lines.

As you process each record, accumulate the Deposit Amount so that, after the loop is done and you have read and processed each of the unknown number of records in the input file, you can display a single line, double-spaced after the last detail line, showing the total of all of the Deposit Amounts. Make sure this total amount is displayed in full numeric-edited format with floating dollar sign, commas where appropriate, decimal point and two decimal digits.

Make sure that the total line described in the previous paragraph has nothing else on it but the total amount and that the total amount’s decimal point and two decimal places line up with the Deposit Amount field above.

The format of the input records are provided below.

**The First Record in the File:** Ignore this record.

**The Remaining Records in the File:**

|  |  |
| --- | --- |
| Branch Name: | 25 bytes character |
| Broker’s Name: | 25 bytes character |
| Deposit Amount: | 13 bytes zoned decimal with two decimal places (maximum $99,999,999,999.99) |
| Unused: | 1 byte |
| Commission Percent Flag: | 1 byte zoned decimal (value of either 1, 2 or 3) |
| Unused: | 15 bytes |

Fully document your JCL ***and*** your COBOL program as described in Chapter 1 of the Course Notes.  
  
Submit the .txt file of your full output on Blackboard as before.