**4.CSCI 360-1 Assignment 3 - Looping, XREAD & XPRNT Fall 2017**

**50 points**

For this assignment you will write a program that reads in an unknown number of 2-digit numbers, 3 per line.  For each line read, print out the numbers and the sum of the 3 numbers on the line (or record).

Each line has the following format:

cols 1-2    first number

cols 3-4    blank

cols 5-6    second number

cols 7-8    blank

cols 9-10  third number

cols 11-80 blank

When all processing is done, print the number of lines (or records) read as input and the grand total sum of all numbers.

Program incrementally! That means just read one record and print out those numbers. When that works, put in a loop. If you get one part working before moving on to the next, your debugging will be much easier and less time consuming.

Use a top driven loop:

READ FIRST RECORD  
WHILE (NOT EOF)     IF EOF BRANCH END LOOP  
   BODY OF LOOP  
   READ NEXT RECORD  
   BRANCH TO TOP OF LOOP  
END LOOP

Use the following data for the run you turn in. You may (and should use your own data to test your program) This should be typed in your source file immediately after the END statement.

12 34 56  
45 98 23  
55 88 99  
10 09 32  
66 22 07  
98 76 54

**DO NOT FORGET TO FULLY DOCUMENT YOUR PROGRAM AS DESCRIBED IN THE CSCI 360 COURSE NOTES BEGINNING ON PAGE 9.**

Use mar\_ftp.exe to download a .txt copy of your program's output. Be sure to open the file, scroll to the bottom, and make sure that it is all there! Submit the .txt file on Blackboard as before.