CS 310   Programming Assignment 2   Due March 11

        Write a complete assembly language program which accepts as input exactly 20 lines of data, each containing one integer value per line. The program will perform the following tasks:

   1. Read the entire set of data into a table.
   2. Print the entire set of data from the first value read to the last.
   3. Print the entire set of data from the last value read to the first.
   4. Make use of internal subroutines to accomplish 1-3 above.

Make sure that your program is well documented (but not overly so that it becomes difficult to read), contains a statement of purpose, register key, and good labels.

Your output should be well labeled with each printing beginning on a new page.

You will submit your program (source code) by email instead of a dropbox. Please name your program with your first and last initials followed by prog2.

You will present the copy of the PRT file (remember to print landscape) on Monday, March 11.

Please use the file: data2.txt as your data file to generate the PRT file.