**MSU CSC 320**

**Fall 2015**

**Assignment 5.**

**Due Date: Nov. 20, 2015**

*Copy and complete the file* [*\\eccentric\Class\csc320\B\\_download\Assn5.asm*](file:///\\eccentric\Class\csc320\B\_download\Assn5.asm)*. The file is empty and is provided for a consistent filename spelling.*

The program will read a line of text and determine whether or not the text is a palindrome. A *palindrome* is a word or sentence that spells exactly the same thing both forward and backward. For example, the string “anna” is a palindrome, while “ann” is not. Note that in the more common definition of a palindrome, whitespace, capitalization, and punctuation are ignored. So the string “Able was I ere I saw Elba” would be considered a palindrome.

Your program needs to determine whether a line of input text is a palindrome or not many times, and every time your program outputs the “is a palindrome” or “is not a palindrome”, then ask the users whether she/he wants to continue or not. If the users type “yes”, continue another iteration. If the users type “no”, stop your program.

Your program must be able to recognize the following strings as palindromes:

“1 2 321”

“Madam. I’m Adam.”

“Go hang a salami: I’m a lasagna hog. !!!”

 All students in your group must save one copy of your successful program to [\\eccentric\Class\csc320\001\YourPublicMSUID\Assn5.asm](\\\\eccentric\\Class\\csc320\\001\\YourPublicMSUID\\Assn5.asm)