CIS 227 – Exercise 2

Purpose: The goal of this exercise is to become familiar with repetition and conditional branching in Assembler programming.

Specifications: Write a program that modifies an array of 10 (that's ten, geeks, not 2!) elements by replacing every negative value with 0 and stores the number of elements modified.

- The array elements must be processed in a loop.
- The program should 'dump' the contents of the array before and after modification.
- The program should be neat and readable with attention to identifiers, whitespace, and indentation.
- The program should be well commented.
- There should be a header comment that states the name of the program, a brief description, the name of the author, and the status of the program. Status is either "working" or "not working" and if is not working you must specify what works and what does not according to the specifications.

Submission: Run your program with TRACE on and attach both your source file and your trace file (the one with the .tre extension) to this dropbox. Don't zip them, just attach both files. Repeat your status in the comment area. Click submit. Then enjoy a tasty beverage.