***CIS 333 Assignment 3***

Write a program to generate the first 20 terms of the Fibonacci sequence (0, 1, 1, 2, 3, 5, 8, 13, … ). The 0th term is 0, the 1st term is 1, the 2nd term is 1, the 3rd term is 2, et cetera. You can display the terms as hexadecimal values to make your life easier. You should comma separate each number on the screen but make sure there is no comma after the final number.

As comments in your source code (or just handwritten on your source code), answer the following questions:

1. Is there a limit to the number of terms that you can calculate?
2. Explain why (or why not) there is a limit.
3. If there is a limit, how would you deal with the limit?

Turn in a hard copy of your source code in class and post your .ASM file to Canvas.