Using the Mic-1 Tools for Homework 3

1. Log into the UML CS server (cs.uml.edu)
2. Copy three files from Prof. Moloney's folder for this course to your own folder.
   cd to your desired folder
   cp ~bill/cs305/masm .
   cp ~bill/cs305/mic1 .
   cp ~bill/cs305/prom.dat .
3. Use masm to assemble your code once you've written it (e.g. myHW3.asm):
   ./masm < myHW3.asm > myHW3.obj
4. Use the mic1 simulator (and the standard mic1 microcode in prom.dat) to execute the object code produced by the assembler, specifying the starting address to execute (e.g. 0) and the starting stack pointer value (e.g. 2048 for a recursive assignment, but in general some number from 1024 to 4091)
   ./mic1 prom.dat myHW3.obj 0 2048
5. Debug it using HALT statements you placed in your asm file to look at register values and memory locations