This document details the required setup you need to complete in order to use the as255 and m68000 programs for this course. The “Setting PATH variables” section will only need to be completed once per semester.

Log-in:

The m68000 program (EGTAPI) is only available on the Math/CS lab computers. In order to complete projects with m68000 (EGTAPI), you must login remotely to lab0z.mathcs.emory.edu (if working remotely) or any of the lab machines (in person) using your Emory ID.

If you wish to work from your laptop (running either Windows or OSX) in your dorm or apartment, you will need to follow these instructions for remote access to the Math/CS systems.

Setting PATH Variables:

- Before you can use the m68000 simulator, you must set up the PATH variable to include the as255 and m68000 programs.

  After you are logged into lab0z, execute the following command at the UNIX command prompt:

  ~cs255000/bin/add.path

  Logout and log back in. Now you should be able to use the as255 and m68000 commands. To verify, type these command after you log back in:

  >> type as255
  >> type m68000

  You should get as answers: /home/cs255000/bin/as255 and /home/cs255000/bin/m68000. If you get a "not found" message for any of the above, let Dr. Summet know or come to office hours.

- Reminder: You need to do all your work for this class in your cs255 directory on the Math/CS systems.