

Program 0

Due Friday, January 26, 2024
(but there is nothing to 'turn in', this is *not* graded)

1. You can use your own version of Matlab (free to you: <https://its.uark.edu/software-equipment/get-software/matlab-get-started.php>), or Matlab on the Windows side of the GACL Macintosh computers, or <http://vlab.uark.edu>. I recommend the first option: installing it on your machine.
2. Initiate a matlab session (in a GACL do Start >All Programs >Math & Statistics > Matlab).
3. At the top of the menu click Help/Using the Matlab Desktop and familiarize yourself.
4. While in the matlab session type **help help** in the command window.
5. Open a new file called startup.m (the Matlab editor is quite good, but you can use your favorite). startup.m should do the following:
 - (a) set the *format* to compact
 - (b) set the *format* to short scientific notation
 - (c) turn on *more*
 - (d) print out the date
 - (e) print out the string "Hello yournamehere" (with your name for yournamehere)

The Matlab functions *format*, *more*, *disp*, *clock* and/or *date* may be useful above. For help with *format*, for example, type **help format** in the command window (or use the *doc* command **doc format**).

6. Now go to the command window and type the word **startup** at the >> prompt.
7. 5393 students: Go to hpc.uark.edu, look around there, find the hpcwiki.

The purpose of this assignment is to make sure you can access Matlab, save a program file, and use Matlab's *help* (and/or *doc*) function(s). If you've never programmed before, then this assignment will probably be bewildering. A friend (or I) can help, but don't let them do it for you; this is dues you need to pay. There are many online tutorials for Matlab, see the "links" page on our class webpages. I also sometimes have some Matlab books that I can lend...