

Program 0

Due Friday, August 30, 2024

(but there is nothing to 'turn in', this is *not* graded)

1. You can use your own version of Matlab (recommended and free to you: <https://its.uark.edu/software-equipment/get-software/matlab-get-started.php>) or go to a GACL. [If you choose, you can replace 'Matlab' with 'Octave' in this (and future) programming assignments.]
2. Initiate a matlab session (run Matlab).
3. At the top of the menu click Help/Using the Matlab Desktop and familiarize yourself; especially: find the command window.
4. While in the Matlab session type **help help** in the command window.
5. Open a new script file called startup.m (the Matlab editor is quite good, but you can use any text editor). startup.m should do the following:
 - (a) set the *format* to compact
 - (b) set the *format* to floating point with 5 digits
 - (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. 53803 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*) functions. 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...