

CS2043 Homework 1

Due: Wednesday January 28th 2015 at 11:59 PM on <http://cms.csuglab.cornell.edu>.

NOTE: This assignment (and future ones) require you to have access to a Unix-like (Linux, Mac OS X, etc) machine. If you do not have such an operating system installed on your local machine, make sure to get a CSUG Lab account. Different systems have slightly different configurations. The main environment in this class will be GNU/Linux.

This first homework is to practice some basic file manipulation. Complete the following steps and upload the required file to CMS.

1. In your *home directory* create a directory called `a1` and navigate to that directory
2. Download the file
`http://www.cs.cornell.edu/courses/cs2043/2015sp/assignments/a1download.sh`
3. Rename `a1download.sh` to `a1run.sh`
4. Make `a1run.sh` executable
5. Create a file `a1file`
6. Write
`Dwoxawl+jyfi+heai+fyyq[<<ooo?bk?bwuxiaa?ijr<bwrulik<bk(!&*<(!)^kq<1)ixjglzi+lxj+hwaawo+eyk+exkyurbyewxk?`
to `a1file`.
7. Remove write permissions from `a1file`
8. `a1run.sh` is a bash script. Once you have changed the permissions as asked above, run it by typing `./a1run.sh`
9. If you have completed the above steps correctly, instructions will be printed on the screen. Follow the printed instructions to complete the assignment.

Remember your two best friends are the `man` tool and your favorite search engine.

NOTE #2: If you hated that this assignment forced files to be in specific directories, do not worry, this is the only assignment that requires that.