

CS2042 Homework 1

Due: Thursday September 16th 2010 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 `hw1` and navigate to that directory
2. Use `wget` to download the file
`http://www.cs.cornell.edu/courses/cs2042/2010fa/hw1download.sh`
3. Rename `hw1download.sh` to `hw1run.sh`
4. Make `hw1run.sh` executable
5. Create a file `hw1file`
6. Write
`Ww+hexekf+=jwoxawl+jyfi+heai+fyyq[<<ooo?bk?bwuxiaa?ijr<bwrulik<bk(!&((!)!hl<yfiixjglzi+lxj+hwaawo+eyk+exkyurbyewxk?`
to `hw1file`.
7. Remove write permissions from `hw1file`
8. `hw1run.sh` is a bash script. Once you have changed the permissions as asked above, run it by typing `./hw1run.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.