CMSC 201 Fall 2016
GRS Worksheet – Week 1 – GL Directories

Practice Makes Perfect:
Understanding how the GL system works and how to navigate around it can be a daunting task the first dozen (or hundred) times you have to do it. You're so used to the GUI experience of your computer that not being able to "see" things can get confusing.

Knowing the "Vocabulary":
In order to "move around" in the GL system, you need to use **commands**, which are specific keywords that the system understands. If you don't know the commands, you won't be able to move. Fill in the blanks below with the meaning of each command; ask around at your table if you can't remember.

cd   means   _____

ls   means   _____

mkdir   means   _____

pwd   means   _____

submit   means   _____

Knowing the "Grammar":
You also need to know how to use each command. Some of the commands require one or more **arguments**, which are additional information the command needs. Try to fill in the blanks below with the command you'd use.

To move one directory "up"   _____

To submit the **lab1.py** file   _____

To show the files in the directory   _____

To make a directory called **grs**   _____

To move into the **grs** directory   _____

To see the full path of where you are   _____
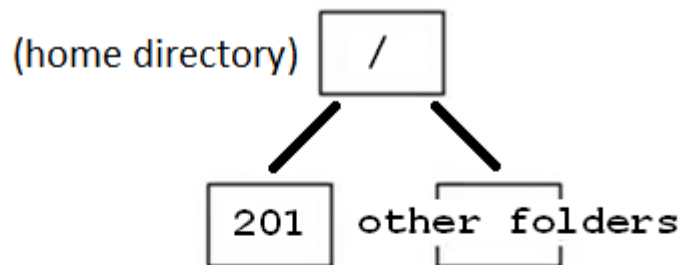
To go to your **home** directory   _____

Until you're comfortable with these commands, we highly recommend that you keep this worksheet. We'll learn more commands as the semester goes on, but these are the important ones you should definitely know.

"I Can See Clearly Now":

Many students can get "lost" when navigating the GL system using the command line. One way to help with that is to visualize what the directories look like, and which ones are "below" or "inside" other directories. Here we've started you off with three directories: the home directory, your 201 directory, and "other folders" (which you can ignore for now).

Using squares to represent folders and circles/ovals to represent files, add the following to the diagram below (not necessarily in this order!):

Directories:	lab1, hw0, Labs, Homeworks, hw1
Files:	hw1.txt, lab1.py, hw0.py

One More Time:

When Homework 2 comes out, and you need a place to store your Homework 2 files, how are you going to "get" there from your home directory? Will you need to make any new folders? What about creating new files?