You should do all the work yourself, without any assistance from other people. If you need help, post your question to cornell.class.cs114 newsgroup or if you want to keep your question private, e-mail me at cs114@cs.cornell.edu.

I will not accept late submissions.

Part I

Log in to babbage, and perform the following actions.

1. Take a look at the permissions for your home directory. Make sure that nobody but you can list contents of your home directory and/or create files there. Feel free to give some people access to specific files in your home directory if you need it for other classes.

2. Create a subdirectory cs114-HW1 in your home directory. Make sure you are the only one who has any kind of access permissions to it.

3. Create a subdirectory A in cs114-HW1, subdirectory B in A and subdirectory C in B.

4. Go to HW1 subdirectory of the home directory of the user cs114. Somewhere inside of it there are file1, file2 and file3. Copy file1 to A, file2 to B and file3 to C. I scattered the files in HW1. Some of them may be hidden. You’ll need to dig around to find them. If you can’t find one of the files, create an empty one using the command touch ⟨newfilename⟩ (you wouldn’t receive any credit for that, but at least you’ll be able to do the next question).

5. Set the permissions as follows:
   - Everything under cs114-HW1 should belong to cs114 group.
   - Everybody in cs114 group (including yourself) should have read/write access to file1 (of course, they wouldn’t really have it because of the cs114-HW1 permissions, so you are only supposed to worry about the permissions for file1 itself, not for the directories it’s in), but nobody else should have any access.
   - Deny cs114 group all access to file2, allow yourself read access to it and allow everybody else read/write access to it.

Now you are ready to submit Part I. Run ∼cs114/bin/submit-hw1. If you run it several times, I will only consider the first submission, so do not run it until you are ready to turn in your homework.
Part II

Using pine on babbage send an e-mail to cs114@cs.cornell.edu with a short note explaining what’s your main reason for taking CS114, and what you would like to get out of the course. The subject of the e-mail must be

\[ \text{HW1 \langle your cuid here \rangle} \]

For example: HW1 123456.

You’ll get partial credit for e-mail sent using some other program.