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

\[ HW1 \text{ (your cuid here)} \]

For example: *HW1 123456.*

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