

CS 114 Unix Tools – Fall 2004

Assignment 1

Due: Friday, 1 Oct, 12:20pm

Problem 1

Login to `turing.csuglab.cornell.edu`. If you cannot login, contact the instructor immediately.

Problem 2

What is the full path to your home directory? What files are in your home directory?

Use this opportunity to explore. Look at the man pages for the commands discussed so far. You are welcome to look in system directories on `turing` such as those in `/bin`, `/lib`, `/usr`, `/var`, etc.; it is inappropriate to read the files or directories of other users without their permission, even if their Unix permissions are set to allow it.

Problem 3

- Read the man page for the command `ls`. What options would you use to list the files so that the most recently modified file appears *last*.
- Read the man page for the command `find` in enough detail to answer the following questions. Since there is also a C++ library function named `find`, you may need to run `man -s 1 find` to get the correct man page. This specifies that the term `find` should be sought in Section 1 of the manual (commands), not in Section 3 (library functions). Be sure to look at the examples.
 - What arguments would you give to print all files under your home directory named “`index.html`”?
 - What does the `-mtime` option do?
 - What is done differently when the argument `-mtime 7` is given versus `-mtime -7`?

What to hand in

Hand in your answers to Problems 2 and 3 in class on Friday, 1 Oct.