

Cs352 — Homework #1

Due Date and Time: 2/3/04 (9:00PM)

Turnin ID: *cs352_assg1*

Turnin files: Q1, Q2, Q3, Q4. Each of these files must contain one unix command, which is the answer to (respectively) question 1-4.

(PS: For example, you may turnin multiple files by UNIX command “turnin *cs352_assg1* yourfile1 yourfile2 yourfile3”. You may also turnin one file at a time by “turnin *cs352_assg1 file_you_want_to_turnin*”. The later turnin file will overwrite the old file which has the same filename. So if you turnin the same file multiple times, we only receive the last version you turned in. To see a list of the files you turned in, you may use the command “turnin -ls *cs352_assg1*”. For help information about turnin program, please use the command “turnin -h”. If you still have questions about turnin, please either stop by the TA’s office hours or email the TA’s.

1. Write a C-shell command that prints the names of all files in each one of your directories (not only the home directory) that contains more than 2000 bytes, and were modified in the last 2 weeks. The results should be the same independent from which directory the command is executed.
2. Write a C-shell command that changes the privilege of each file in one of your directories (not only the home directory) that contains more than 2000 bytes, and were modified in the last 2 weeks. After this command is invoked, each such file must have executable privilege for each user in your group. The results should be the same independent from which directory the command is executed.
3. Write a C-shell command that prints all files in your directory whose name contains the substring “aa”, or the substring “bb” (or both). Hint — use the unix command “egrep”. A file cannot appear more than once in the output, and the order of the files should be alphabetic.
4. Write a C-shell command that appends to the file **kuku.dat** (in your home directory) the names of the 5 files that contains the maximum number of lines, among the files in your home directory. Next to each such file, print the number of lines in the file. If there are less then 5 files, list all of them. Hint — use the commands “wc”, “head” and “sort”.