

CS 2204: Homework #1

Assigned: September 13, 2005

Date Due: September 19, 2005, at beginning of class, in McB 133

What to turnin: A legible paper copy giving your answers

1. (1 point) Give a UNIX command to create a file called “-u”. Notice that `touch -u` and many of its variants do not work because UNIX thinks that anything starting with a ‘-’ must be an option.
2. (4 points) Create a directory called `Bradys`. Inside this directory, create files called `Mike.dad`, `Carol.mom`, `Alice.maid`, `Sam.butcher`, `Greg`, `Peter`, `Robert`, `Marcia`, `Jennifer`, and `Cindy`. Assuming your `pwd` is now the `Bradys` directory, use filename wildcards to list:
 - (a) only the parents
 - (b) only the boy children
 - (c) only the girl children
 - (d) only the four people with roles listed
3. (2 points) What is the difference between the following commands? (assume both commands are legal from the directory in which they are executed)
 - (a) `cp -r oldaccounts/* newaccounts`
 - (b) `cp -r oldaccounts newaccounts`
4. (2 points) Learn what the UNIX command `who` does. Then explain how we can pipe the output of `who` (i.e., using ‘|’) to list only login names. Do not worry about duplicate login names. (*Hint:* Use the `cut` command, but notice that login names can be of different lengths. Do a `man cut` to see how you can modify the default behavior of `cut`.)
5. (1 point) Learn what the UNIX command `cal` does. Then explain the seeming bug when you type `cal 9 1752`.