

Unix – Part 2 - extra exercises

Chmod

1 Create a file called file6.txt. Set the filemode so that you have read access. Try to delete this. What happens?

2 Create a directory called tmp. Create files called file6 and file7 in this directory. Set the access mode on this directory to 555, Try to delete these files. Delete the directory you have created and the files in it.

Shell Programming

3 Write a shell program which asks for the name of directory, and then prints the date and lists the contents of the directory name given.

4 Modify this program to accept a directory name as a parameter instead of asking for the directory.

Find

5 Use find to find all the files with the word “road” in them, and print their pathnames.

Utilities

6 Create a file containing both numbers and words on separate lines. Use sort with and without -n to see what happens when the file sorted.

Processes

7 Start elm and put it into the background. Use emacs to edit .profile and put this into the background. Create a new file with emacs and put this process into the background. Use fg and ps to return to each and put them into the background afterwards. Use kill to destroy the emacs processes. Logout.