



SUBJECT NAME: OPERATING SYSTEM LAB

SUBJECT CODE: PCCCS493

Day 4

ps, kill, grep, egrep, fgrep

Lab Assignments:

1. Perform the following

- a) Find out the PID of your login shell.
- b) Remove the header line from the ps output.
- c) List all processes that you are currently running on your machine, sorted by the command name in alphabetical order. The output should consist only of the processes you are running and nothing else (i.e. if you are running 6 processes, the output should only have 6 lines).
- d) Display the files in the current directory that contain the string CSE UEMK in either upper- or lowercase.
- e) Store in a variable the number of lines containing the word CSE in the files CSE1, CSE2 and CSE3.
- f) If you did not have the wc command, how would you use grep to count the number of users currently using the system?
- g) Remove blank lines from a file using grep.
- h) List the ordinary files in your current directory that are not writable by the owner.
- i) Locate lines ending and beginning with a dot and containing anything between them.
- j) Locate lines that are less than 100 characters in length.