



SUBJECT NAME: OPERATING SYSTEM LAB

SUBJECT CODE: PCCCS493

Day 3

wc, od, cmp, diff, comm., tee, head, tail, cut, paste, sort, tr, uniq

Lab Assignments:

1. Perform the following:

- a) List all files beginning with character 'a' on the screen and also store them in a file called *file1*.
- b) Sort the output of *who* and display on screen along with total number of users. The same output except the number of users should be stored in a file *file1*.
- c) Double space a file
- d) Select lines 5 to 10 of a file
- e) Find the user name and group id from the file */etc/passwd* using the cut command.
- f) Extract the names of the users from */etc/passwd* after ignoring the first 10 entries.
- g) Sort the file */etc/passwd* on GUID (primary) and UID (secondary) so that the users with the same GUID are placed together. User with a lower UID should be placed higher in the list.
- h) List from */etc/passwd* the UID and the user having the highest UID.
- i) Device a sequence which lists the five largest files in the current directory.
- j) Remove duplicate lines from a file.
- k) Count the frequency of occurrences of words in a file.
- l) Find "long" listing of the smallest 5 files in the */etc* directory whose name contains the string ".conf", sorted by increasing file size.
- m) What would you type at the command line to get a sorted list, with no duplicates, of all the users logged into the local network?
- n) What would you type at the command line to find all files in your home directory that are more than a week old and end with .bak?
What would you type at the command line to find out how many total lines are contained in all the files ending in .c in the current directory, printing only the total number of lines?