



SUBJECT NAME: OPERATING SYSTEM LAB

SUBJECT CODE: PCCCS493

Day 1

passwd, who, tty, script, clear and tput, uname, date, cal, bc, man, pwd, mkdir, cd, rmdir

Lab Assignments:

1. Perform the following

- List the names of the users logged in and their total count without displaying any further details.
- Find out your terminal's device name.
- Display current date in the form dd/mm/yyyy.
- Find out your machine's name and the version of the operating system.
- Clear the screen and place the cursor at row 12, column 25.
- Find the decimal equivalent of 1101001.
- Find out the users who are idling.
- Use man to get help
- Ensure that bc displays the results of all divisions using three decimal places.

Day 2

cp, rm, mv, cat, file, ls, umask, chmod, touch, ln, find

Lab Assignments:

1. Perform the following:

- Create a directory structure in your home directory (*cse*, two subdirectories *cprogs* and *projects* under *cse*) while being in your home directory.
- Change to the directory *projects*.
- Create a file called *biodata* and store your name, age, sex, and address in it.
- Make a copy of the file *biodata* into another file *text* within the directory *cprogs*.
- Move the file *text* from *cprogs* to *projects*.
- Combine the contents of the file *biodata* and *text* into another file *datatext*.
- Rename the file *text* to *newtext*.
- Change the permissions of the file *newtext* to rw-rw-rw-.
- List all filenames starting with 'a' or 'b' or 'm'.
- List all filenames that end with a digit.
- List all files in the current directory whose second character is a digit.
- Use command(s) to create a directory in your home directory called KeepOut whose contents can be read only by you.