

CSE 325- Operating Systems

Laboratory Exercise – 1

Objectives:

- Learn UNIX Command Line Interface (CLI).
- Work with file and directory commands.
- Familiar with file and directory permissions including- mask setting, mode setting etc.

Command	Used for	Format & Example
man	Shows the manual of linux commands Shows the manual of command name	man <command name> man ls
clear	Clears the screen	Clear
ps aux	Gives all the processes running in the background.	
history	Show the history of predefine # of commands	history
gedit	Opens the file for editing	gedit file1
rm -r	Remove a non-empty folder	rm -r foldername
ls	Show the list of files/folders in a directory	ls <option> ls -l
rm	Removes a file	rm file1
mkdir	Make directory	mkdir lab02
rmdir	Remove an empty directory	rmdir lab02
cd	Change directory	cd lab02
cat	Show contents in file. Edit in file. Concat files	cat file cat >>file cat file1 file2 >> file3
touch	Empty file creation	touch filename
pwd	Print current working directory	pwd
mv	Rename a file to another name	mv file1, file2
date	Display system date. Display calendar of the specified year	date>>jan.txt cal -y 2020
cp	Copy a file/files to another	cp <source> <destination> cp a.txt b.txt
chmod	Change permissions	chmod 755 filename
umask	Set file permission on creation	umask 022
sort	Sort the contents in file	sort filename