Ahmedabad University
School of Engineering and Applied Science
B.Tech (ICT), Semester - V
Course: CSE341- Operating Systems Lab
Lab 1

Lab Date : 04/08/20 (Section 1), 06/08/20 (Section 2)

Submission Deadline : 10/08/20 11:59:59 PM (Section 1), 12/08/20 11:59:59 PM (Section 2)

FILE COMMANDS	
touch	Create a new file.
cp	Copy files.
mv	Move or Rename files or directories.
rm	Remove files.
cat	View complete file content.
DIRECTORY COMMANDS	
cd	Change directory.
pwd	Print working directory on the terminal.
ls	List the content of a directory.
mkdir	Create a new directory.
rmdir	Remove a directory if its empty.
TERMINAL COMMANDS	
clear	Clears the terminal.
echo	Write a string to standard output.
repeat	Repeats commands.
HELP COMMANDS	
man	Displays the manual page for the selected command.
INFORMATION COMMANDS	
history	Lists the commands typed during the session.
hostname	Displays the computer's or server's name on the terminal.
who	Displays who is on the system.

who am i	Displays the invoking user.
wc	Counts and displays the number of lines, words and characters of a file.
date	Print or set the system date and time.
whatis	Displays the command description.
whereis	Locate the binary, source, and manual page files for a command.
which	Locate a command.
apropos	Search the manual page names and descriptions.

PERMISSIONS AND FILE STORAGE

chmod	Set the permission on a file or a directory.
passwd	Change the password.

PROCESSES

ps	Displays the active processes.
kill	Terminates a process.
exec	Executes a command in place of the current shell which terminates.

FILTERS

grep	Search a file for a matching pattern or regular expression.
sort	Sort lines of text files.
head	Output the first part of files.
tail	Output the last part of files.
find	Search the system for filenames.
cmp	Compare 2 files.
diff	Reports the lines that differ between 2 files.
cut	Remove sections from each line of files.
uniq	Report or omit repeated lines.