

CEW LAB # 07

1. Write a command to:

- a) List all files (and subdirectories) in the home directory.
❖ `ls -a ~`
- b) List all files named chapter1 in the /work directory.
❖ `find /work -type f -name "chapter1"`
- c) List all files beginning with memo owned by ann.
❖ `find / -type f -name "memo*" -user ann`
- d) Display the content of /etc/passwd file with as many lines at a time as the last digit of your roll number.
❖ `cat /etc/passwd | more -n 9`
- e) Search the current directory, look for filenames that don't begin with a capital letter.
❖ `find . -name '[a-z]*.*' -type f`
- f) Search the system for files that were modified within the last two days.
❖ `find / -type f -mtime -2`
- g) Recursively grep for your-name down a directory tree.
❖ `grep -r "Sumaika"`
- h) List all file names containing your roll number in the end.
❖ `find / -name "*CS22009*" -type f`
- i) List files in your home folder in human readable format.
❖ `ls ~ -h -l -s`
- j) List the contents of directories /bin and /etc.
❖ `ls /bin /etc`
- k) List C source files in the current directory, showing larger file first.
❖ `ls -S *.c`
- l) Count all files in the current directory.
❖ `ls -p | grep -v / | wc -l`
- m) Use the pipe (|) operator to combine the output of the ls command with the grep command to filter and display only the files that contain the pattern "hello" in the current directory.
❖ `ls -l | grep "hello" *.*`
- n) Create a file named sample.txt and write the output of the echo command, containing the text "Hello, Linux!" into this file.
❖ `echo "Hello, Linux!" > sample.txt`