LAB# 7

**List all files (and subdirectories) in the home directory.**

ls -la ~

**List all files named chapter1 in the /work directory.**

find /work -type f -name "chapter1"

**List all files beginning with memo owned by ann.**

find /path/to/search/directory -type f -user ann -name 'memo\*'

**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 | less -N +G /1

**Search the current directory, look for filenames that don‟t begin with a capital letter.**

find . -type f -regex '\./[^A-Z].\*'

**Search the system for files that were modified within the last two days.**

find /path/to/search -mtime -2

**Recursively grep for your-name down a directory tree.**

grep -r "Hassan" /path/to/starting/directory

**List all file names containing your roll number in the end.**

find /path/to/search -type f -name '\*cs-22118'

**List files in your home folder in human readable format.**

ls -lh ~

**List the contents of directories /bin and /etc.**

ls /bin /etc

**List C source files in the current directory, showing larger file first.**

ls -lhS \*.c

**Count all files in the current directory.**

ls -l | grep ^- | wc –l

**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 | grep "hello"

**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