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