

LAB 7

Write a command to:

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

— `ls -a ~/`

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

— `find work/ -name 'chapter1.*' -type f`

➤ List all files beginning with memo owned by ann.

— `find -name 'memo*.*' -type f -user ann`

➤ Display the content of /etc/passwd file with as many lines at a time as the last digit of your roll number.

— `more -n 3 /etc/passwd`

➤ Search the current directory, look for filenames that don't begin with a capital letter.

— `find . -name '[a-z]*.*' -type f`

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

— `find / -mtime -2 -type f`

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

— `grep -r "Zainab"`

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

— `find / -name "*CS22051.*" -type f`

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

— `ls ~ -h -l -s`

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

— `ls /bin /etc`

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

— `ls -S *.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 -l | 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`