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 “Aqiba”

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

➢ find / -name “\*CS22003.\*” -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