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

ls ~

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

ls /work | grep chapter1

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

find / -user ann -name 'memo\*'

4.Display the content of /etc/passwd file with as many lines at a time as the last digit of

your roll number.

tail –n $((35 + 1)) /etc/passwd

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

find . -type f -not -name '[A-Z]\*'

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

find / -type f -mtime -2

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

grep -r 'ayesha' /path/to/start/directory

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

find . -type f -name "\*35"

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

ls -lh ~

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

ls /bin /etc

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

find . -name '\*.c' -exec ls -l {} + | sort -k5,5nr

12. Count all files in the current directory.

ls -l | grep '^-' | wc -l

13. 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

14. 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