Assignment 1.

a →

1) PWD
11) mkdir my Assignment
111) cd my Assignment.

b →

cat > file1.txt or touch file1.txt
display content = cat filename

c →

create new directory.
mkdir linuxAssignment / docs

If you want multiple sub directory.

= mkdir -p parend | child d| sub_c_d

d → copy file.txt file into doc directory & rename
cp file1.txt doc | file2.tx.

e →

chmod 744 file2.txt
owner r, w, x
group r
other r

F →

ls -l | see all content.
file searching.

g → find file with extension (.txt)
a → search for file with extension .txt

find . —type f —name "*.txt"

'.'   current directory.
—type f   files (not directory)
—name "*.txt"   =   txt extension file.

2) Display lines containing a specific word.
   in file.
-        grep "# word" filename.
system info.
current system date & time.
        simply write   date

— Networking.
ip address of system
        ip addr show

To check Ping
   ping   remote server name.
        ping gobgle.com.
  &   ctrl +c   To stop.

file compression.
a →   docs into zip.
        zip -r   docs.zip doc. → directory base
        -r → recursive.
        docs.zip → newly created zip file.
        docs → directory name

& To extract.   mkdir extracted-document.
        unzip doc.zip -d extabl_docs.

K | file edting.

→ open file1.txt in editor & add some text to it.

a→ nano file name.

b→ sed -i 's/welcome/gaurau/g' file1

-i → sed file edit conformed

s/welc/gaurau/g → change welcom to gaurau.

g is to change occurch

file1.txt → file name where you wan To change

P2

rmdir → delete only empty directory.
rm -r dirpath → delete directory.

ls dirpath → show directory content.
ls l → list files directory with their owner

PWD → current working directory.
cd → change directory → cd dirname/path

mkdir → create new directory.
rm → remove files or directory → rm filename

touch → create an empty file. → Touch new.txt
cp → copy files or directory → cp sourcefile
destination file.

mv → move or rename file or directory.
mv oldname new name
mv file / newpath

cat → concatenate & display the content of file
cat file name .txt

more → view file content one screen at a time.
more filename

head → Display first few line.
head -5 file name   by default 10

Tail → Display last 10 line.
head tail -5 file name

chmod → change file permission
Chmod 755 filename.

chown → change file owner & group.
chown user:group filename.

find. → find   use to finding files :-
file   =   find -type f -name " *search "
directory = find -type d -name "docs"

grep   -   find specific word in file.
                   grep "word" filename.

Date   =   Date   to find   wed Aug
ip   -   ip addr show   → for ip address.

nano   =   open file in editor if file not
                   exit   Then create a file.
                           nano filename.

Stat =
                   state filename
               -it gives modified time access time
              use with Touch command.

                   Touch -a filename only accesTime
                                                    change.
                   Touch -m filename.   modified time.