

LINUX CONCEPTS – TASK 1

1. To see the permissions of all files in the current directory:

`ls -l`

This command lists all files and directories in the current directory, including their permissions, ownership, and other details.

2. To create a new directory named work inside your home directory:

`mkdir ~/work`

The ~ symbol represents your home directory.

3. To create an empty file named newfile.txt in the current directory:

`touch newfile.txt`

The touch command creates an empty file if it does not already exist.

4. To delete a file named oldfile.txt:

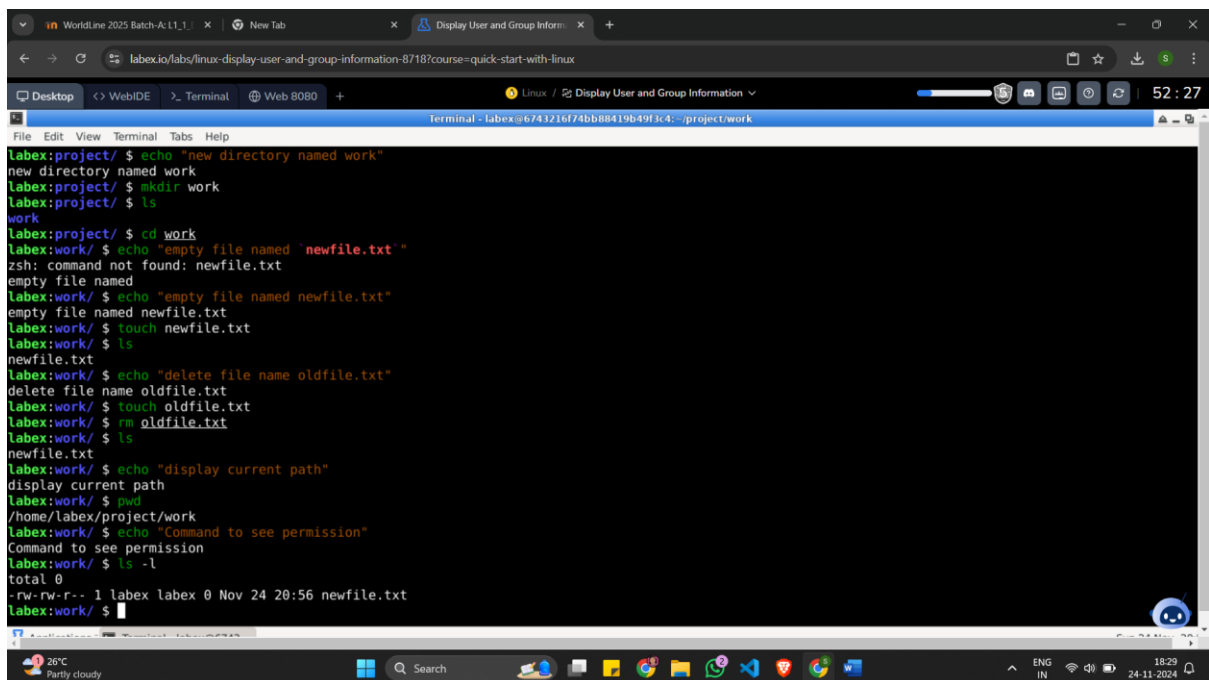
`rm oldfile.txt`

Use the rm command to remove files.

5. To display the path of the current directory:

`pwd`

The pwd command prints the current working directory's path.



The screenshot shows a terminal window with the following commands and output:

```
labex:project/ $ echo "new directory named work"
new directory named work
labex:project/ $ mkdir work
labex:project/ $ ls
work
labex:project/ $ cd work
labex:work/ $ echo "empty file named 'newfile.txt'"
zsh: command not found: newfile.txt
empty file named
labex:work/ $ echo "empty file named newfile.txt"
empty file named newfile.txt
labex:work/ $ touch newfile.txt
labex:work/ $ ls
newfile.txt
labex:work/ $ echo "delete file name oldfile.txt"
delete file name oldfile.txt
labex:work/ $ touch oldfile.txt
labex:work/ $ rm oldfile.txt
labex:work/ $ ls
newfile.txt
labex:work/ $ echo "display current path"
display current path
labex:work/ $ pwd
/home/labex/project/work
labex:work/ $ echo "Command to see permission"
Command to see permission
labex:work/ $ ls -l
total 0
-rw-rw-r-- 1 labex labex 0 Nov 24 20:56 newfile.txt
labex:work/ $
```