

## Laboratory Exercise -2

16<sup>th</sup> February 2026

### File Permissions

**Step 1:** Follow the Instructions Step-by-step (**capture screenshots**):

- a) Login to Linux with the admin user (Make sure it's Your FullName)
- b) Open the Terminal by using shortcut: ctrl + Alt + t
- c) Display the current folder with **pwd** command
- d) Change your directory to root using **cd /** command and display current working directory **pwd**.
- e) Change directory to home **cd ~** command and display current working directory **pwd**
- f) List content of the current directory using **ls**
- g) Change directory to Documents **cd** and create a folder with your full name then change your directory "yourfullname". **Note:** make sure to not change the directory for the next step
- h) Create new folder in folder1 in Desktop.
- i) Change your directory to Desktop
- j) Create a new file named "**lab**".
- k) Edit the file using **nano** command and write from one to twelve inside "**lab**" file then save the file.
- l) Use **ls -l** to file permissions control **who can read, write, or execute** a file or directory.
- m) Use **chmod** to implement the following requirements:

**Note: Use One line of Command for each.**

- Remove read permissions from group for the lab file.
- Use nano to open the lab file.
- Add writing and executing permissions for others for the lab file.
- Assign read, and write permission for all (owner, groups, other) for the lab file
- Add writing permission for the owner and read permission only for groups.