National Textile University

Department of Computer Science

Subject:
Operating System

Submitted to:
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Submitted by:
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Reg number:
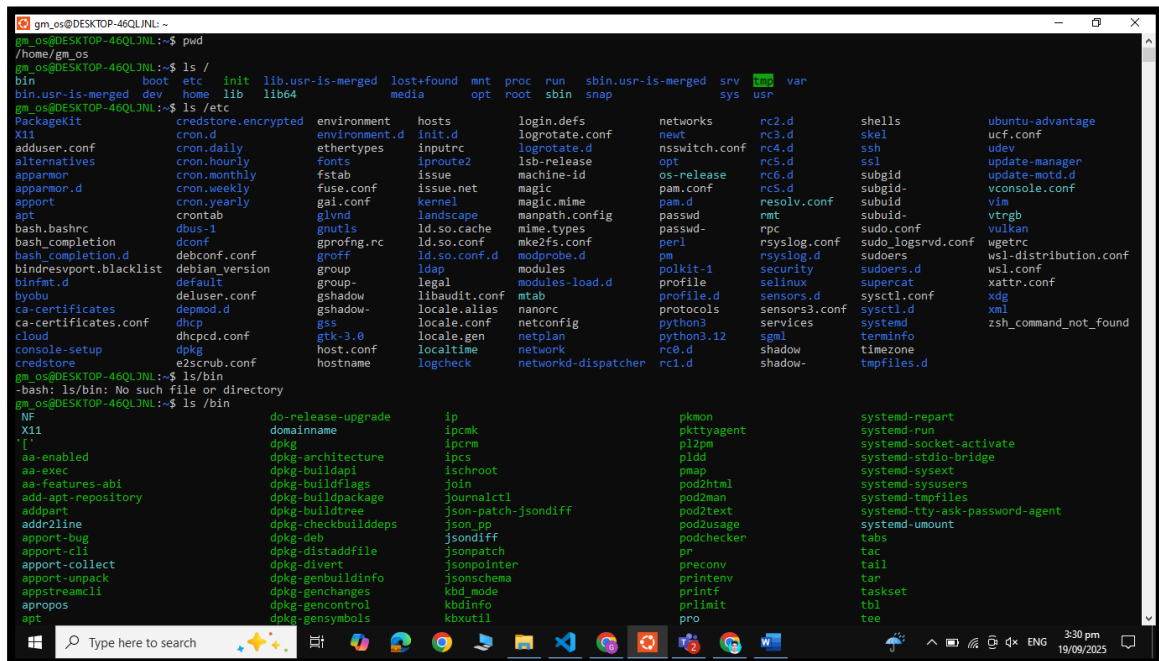23-NTU-CS-FL-1158

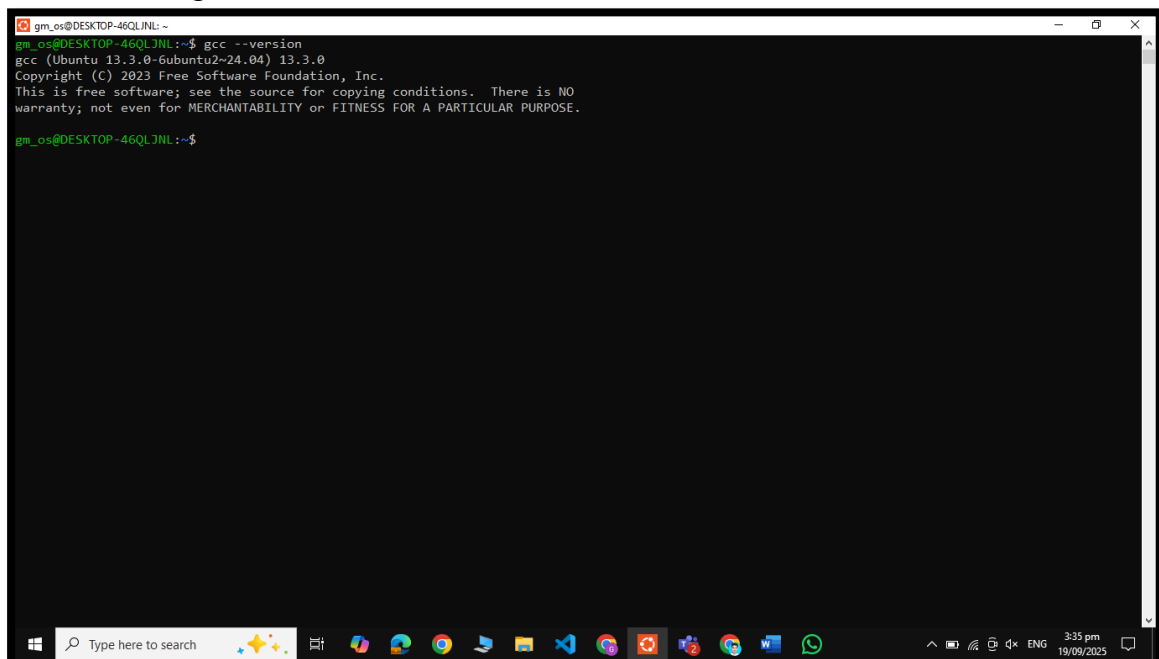### Lab number:
1st

Semester:
4th

Task 1: Installation

- ❖ Open PowerShell
- ❖ Type command to install both WSL2 and Ubantu 24.04
- ❖ Create a Username gm_os, and set password
- ❖ Update and upgrade
- ❖ Integrate VS Code with Ubantu
- ❖ Use Ubantu in VS code by typing command of Ubantu

Task 2: Install GCC Build Tools

- ❖ Install Build essential using the following commands:
  - ○ sudo apt update && sudo apt upgrade -y
  - ○ sudo apt install build-essential -y
- ❖ Check the GCC version using this command:
  - ○ gcc –version

Task 3: Run Basic Command

whoami -> Show the username

ls -> List file and folder in the current directory.
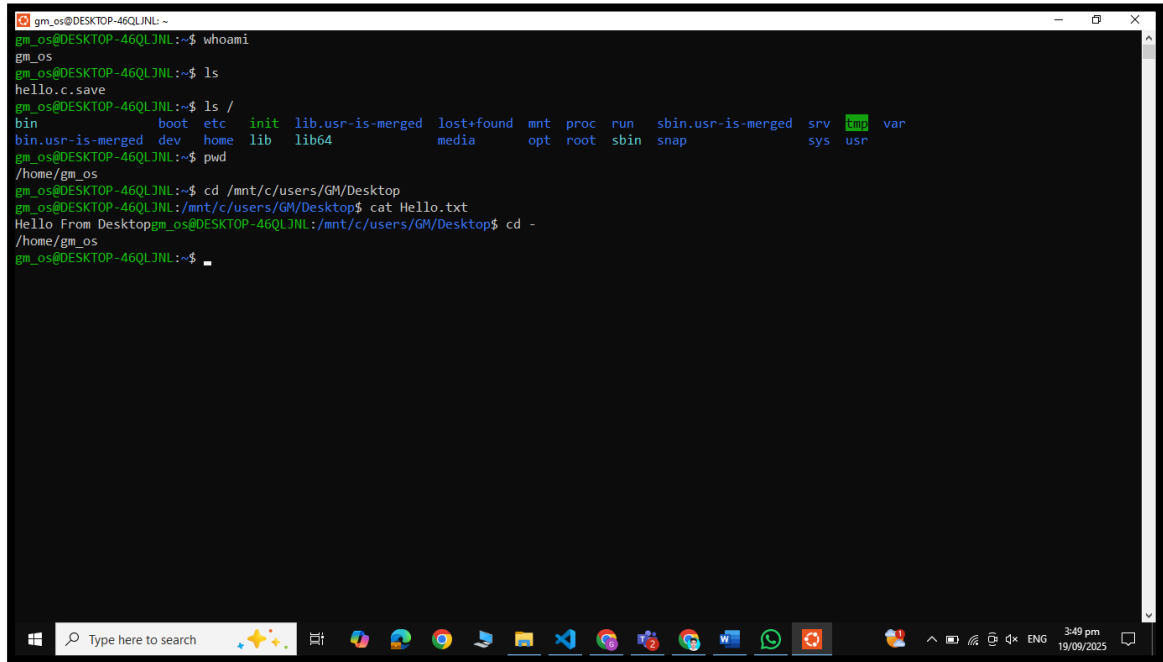
ls / -> List of root directories

ls -l -> detailed list about size, date owner.

pwd -> For current directory

cd -> for change the directory

cat -> Display the content of .txt file

cd - > Back to previous directory