National Textile University, Faisalabad



Department of Computer Science

Name	Dawood Saif
Class	SE-5 th (A)
Reg. No.	23-NTU-CS-1145
Course	Operating System
Submitted To	Sir Nasir Mehmood
Submission Date	19/09/2025
Lab No.	1

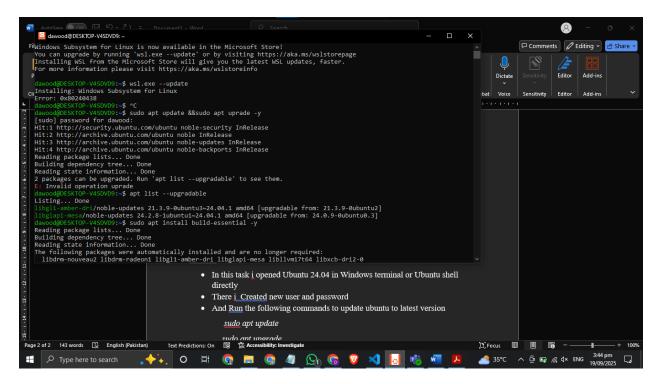
Lab No. 1

WSL2 Setup and Ubuntu Configuration

This was a basically fist lab in which we installed all the important tools which we will use throughout our semester for OS Practice

Task 1:

- Firstly, i installed wsl 2 by open powershell and run it as administrator and use following commnad
- wsl.exe --install -d Ubuntu-24.04
- After this command wsl 2 was installed and virtual machine was enabled.
 Also it directly installed ubuntu 24.04 LTS

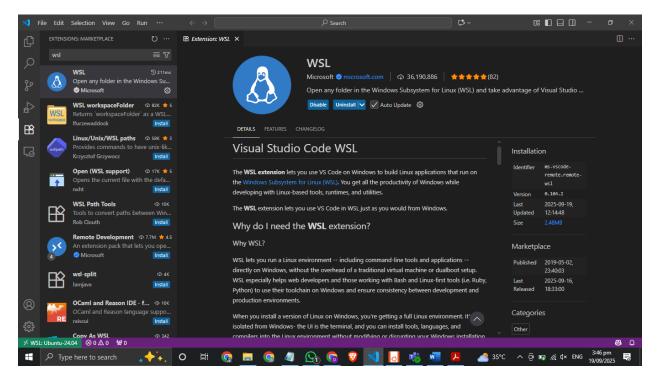


Task 2:

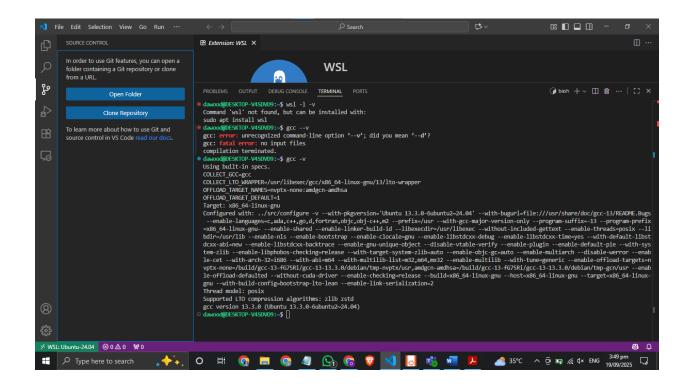
- In this task i opened Ubuntu 24.04 in Windows terminal or Ubuntu shell directly
- There i Created new user and password
- And Run the following commands to update ubuntu to latest version

sudo apt update sudo apt upgrade

• Then connected wsl2 (ubuntu) with VS Code by installing extension inside vs code name as WSL



• Then I installed all the essential gcc tools inside vs code by using command sudo apt install build-essential -y



Gcc was of latest version i-e 13.3.0