



National Textile University

Department of Computer Science

Subject:

Operating System

Submitted to:

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Submitted by:

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Reg number:

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Lab no. :

01

Semester: 5Th

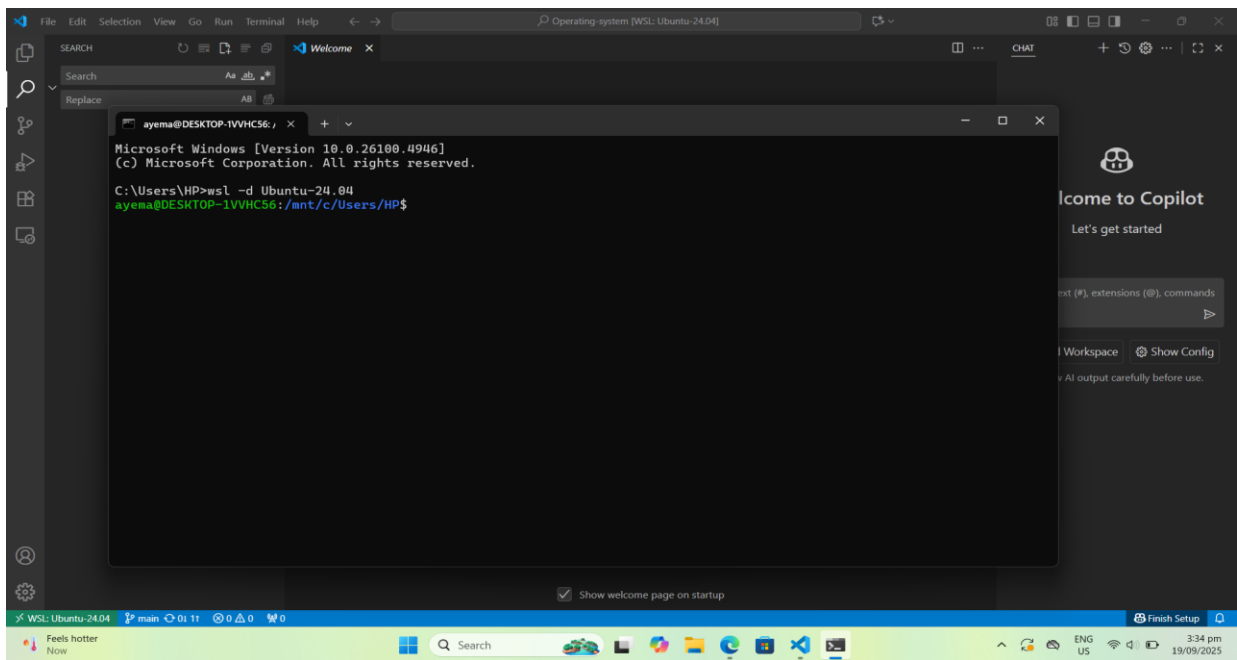
Task 1:

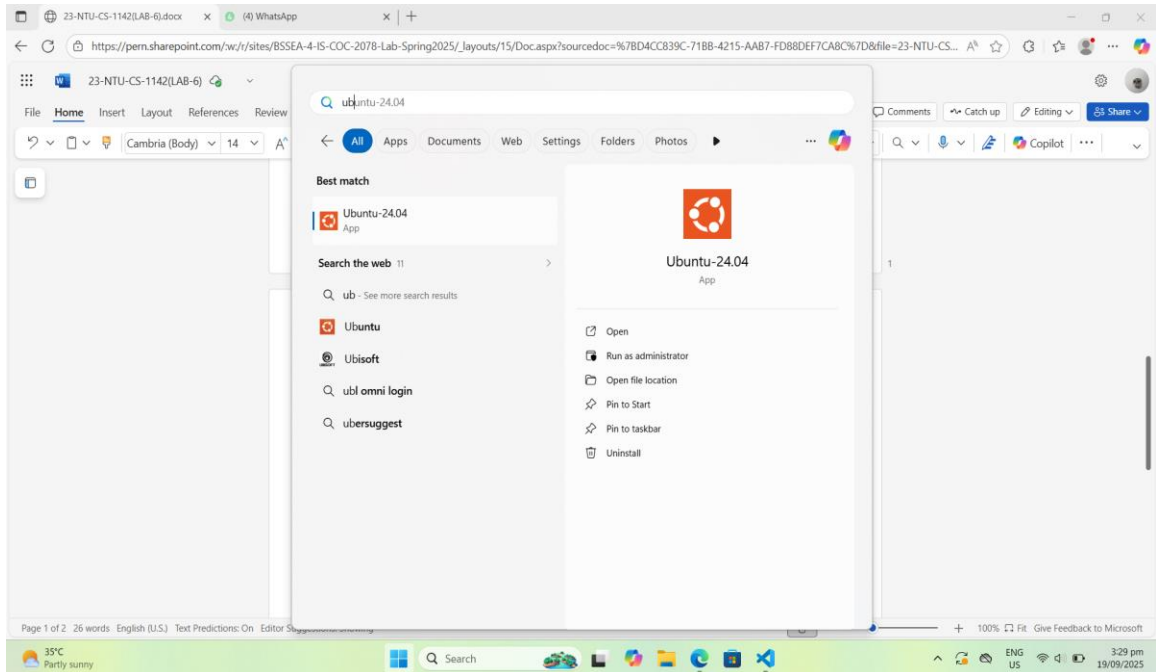
Wsl installed and using the command

wsl --install

Install ubuntu 24.04 using the command

wsl --install -d Ubuntu-24.04



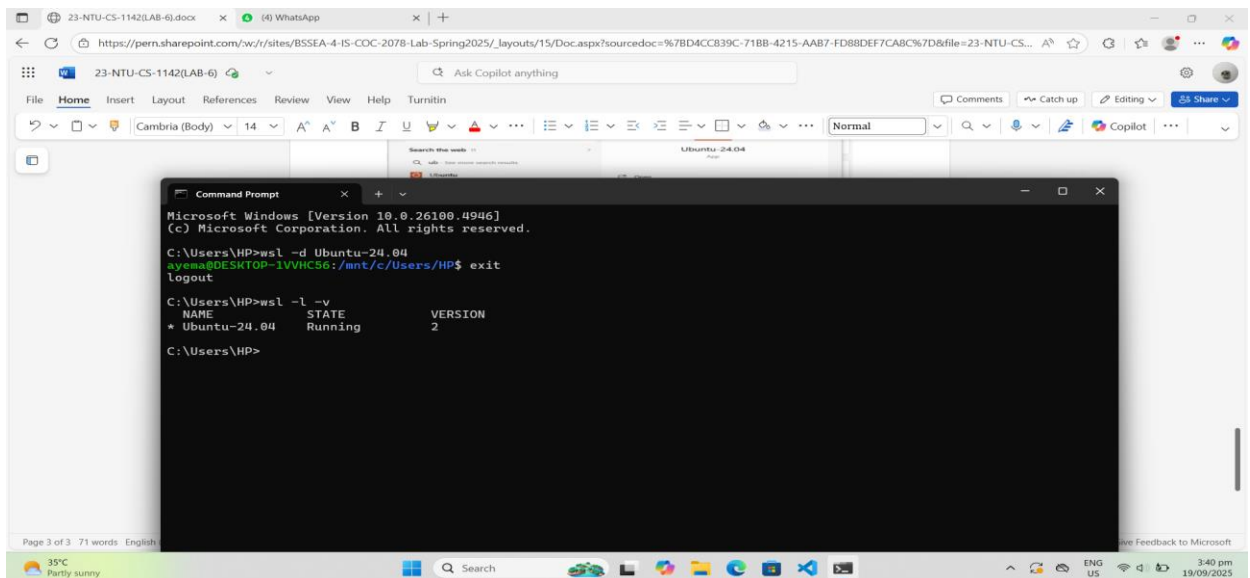


Update the version by using these commands

`sudo apt update && sudo apt upgrade -y`

Checking Ubuntu by using the command

`wsl -l -v`



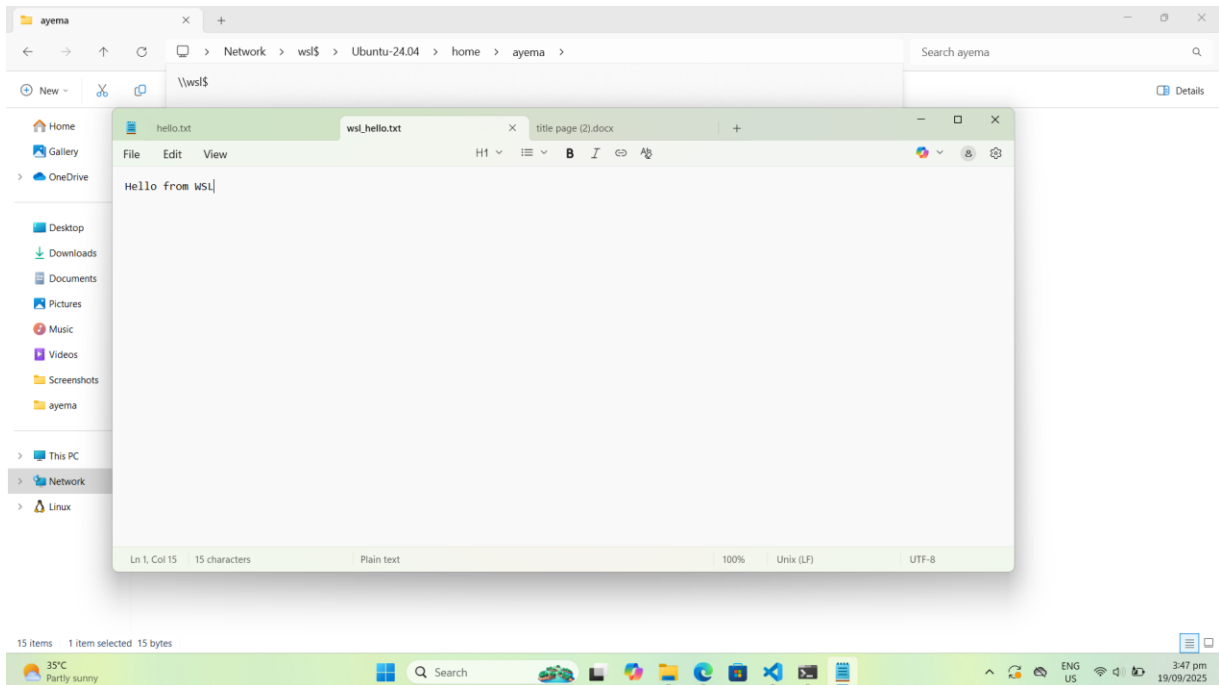
I create a file in window and checking in ubuntu.

```
ayema@DESKTOP-1VVHC56: ~
Logout
C:\Users\HP>wsl -l -v
NAME                STATE              VERSION
* Ubuntu-24.04      Running            2

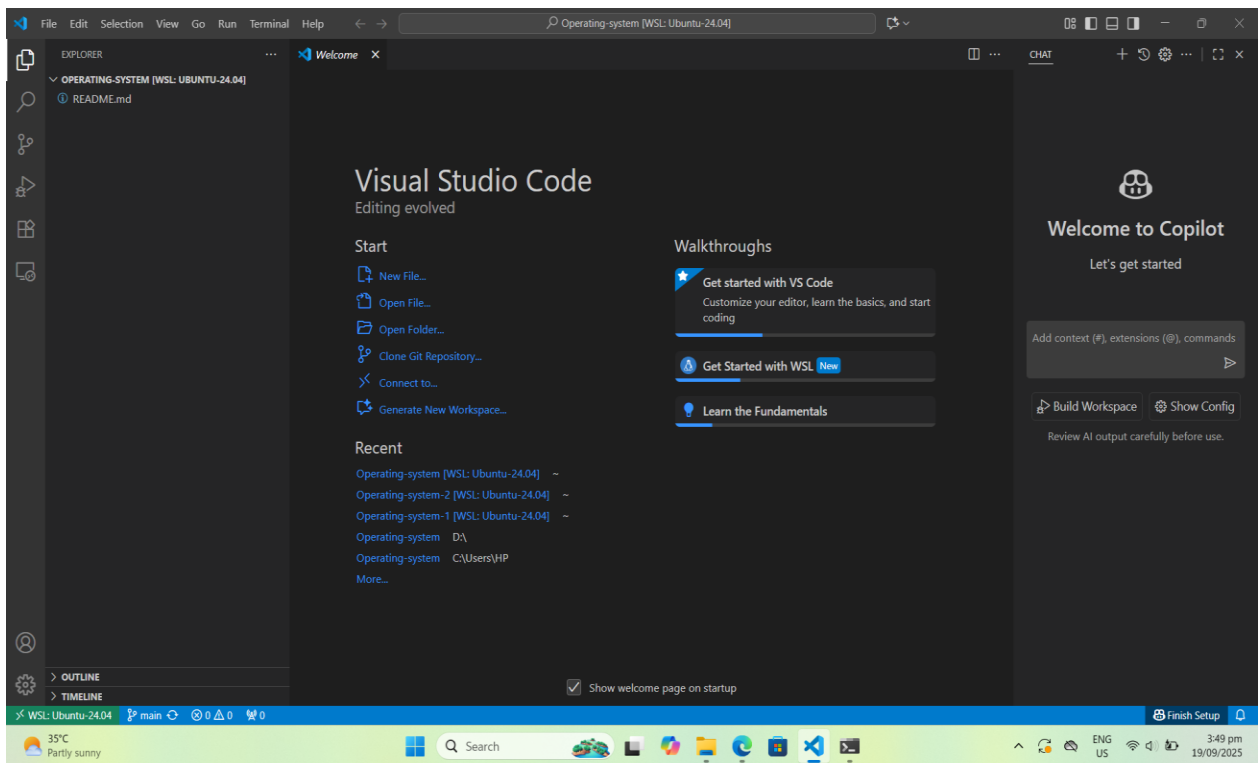
C:\Users\HP>bash
ayema@DESKTOP-1VVHC56:/mnt/c/Users/HP$ ls /mnt
ls: cannot access '/mnt/c/DumpStack.log.tmp': Permission denied
ls: cannot access '/mnt/c/hiberfil.sys': Permission denied
ls: cannot access '/mnt/c/pagefile.sys': Permission denied
ls: cannot access '/mnt/c/swapfile.sys': Permission denied
ayema@DESKTOP-1VVHC56:/mnt/c/Users/HP$ ls /mnt/c
'Desktop'          'Program Files'      Recovery            Users              inetpub
'Documents and Settings' 'PerfLogs'           'System Volume Information' 'Windows'          pagefile.sys
ayema@DESKTOP-1VVHC56:/mnt/c/Users/HP$ ls "/mnt/c/Users"
'All Users'  Default  'Default User'  desktop.ini
ayema@DESKTOP-1VVHC56:/mnt/c/Users/HP$ cat /mnt/c/Users/HP/Documents/hello.txt
Hello from window
ayema@DESKTOP-1VVHC56:/mnt/c/Users/HP$
```

I built file in Ubuntu and read it from Windows using the command

echo "Hello from WSL" > ~/wsl_hello.txt



Integrate Ubuntu with vs code and create repository



Download gcc and g++ in terminal

gcc – version

g++ --version

