# **National Textile University**

# **Department of Computer Science**

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**Submitted To:** 

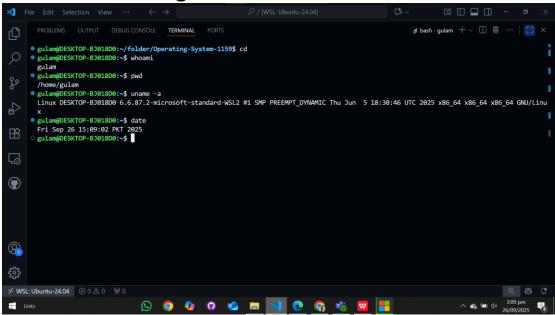
Sir Nasir Ali

Lab No:

2

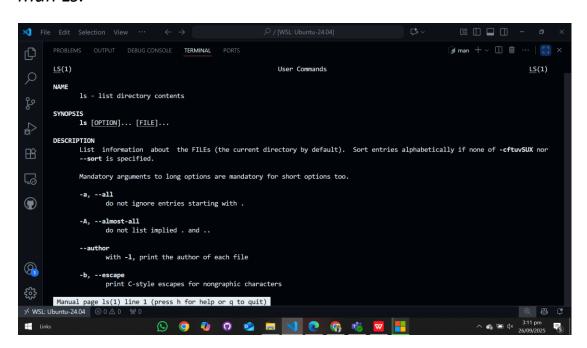
**LAB: 02** 

## 1.1 Understanding the Linux Environment:

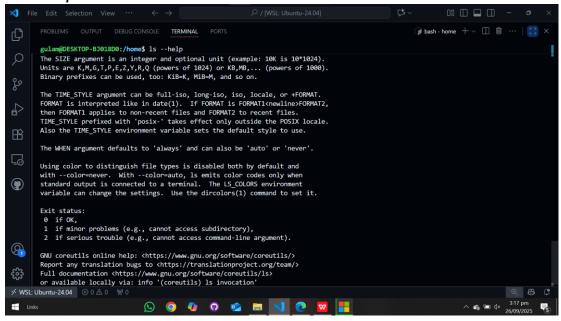


# 1.2 Getting Help in Linux

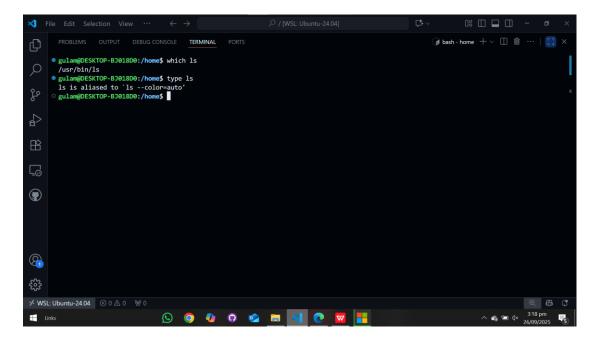
#### man Ls:



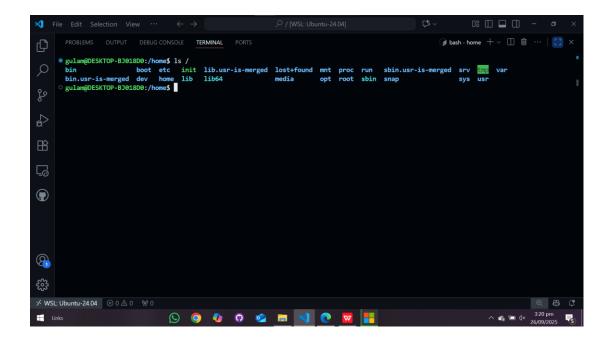
#### Ls --help



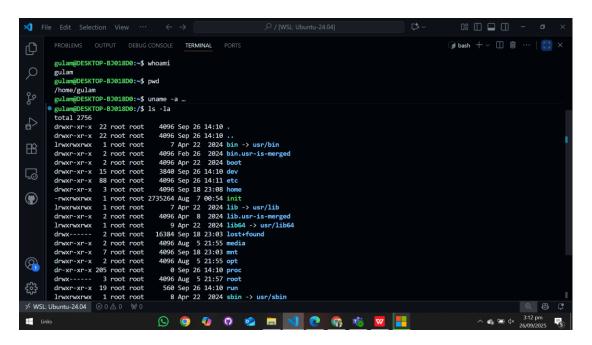
## Which Is Type Is



# **2.1** Understanding Linux Directory Structure Ls /



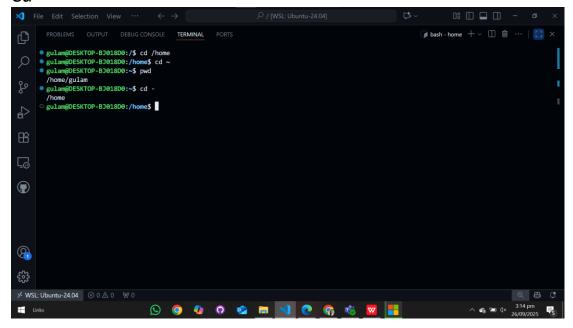
#### Ls - la



# Ls /home

# Cd ~

## Cd -



## 2.2 Basic Navigation Commands

Pwd

Ls

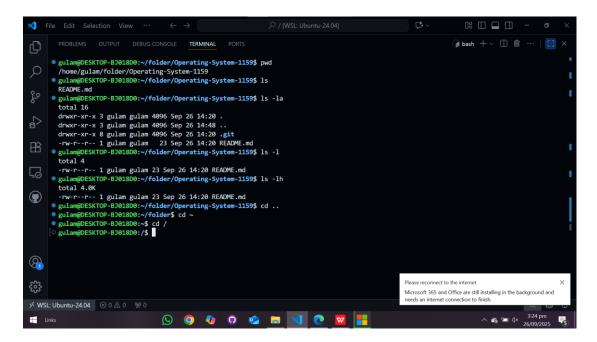
Ls -l

Ls -la

Ls -lh

*Cd* ..

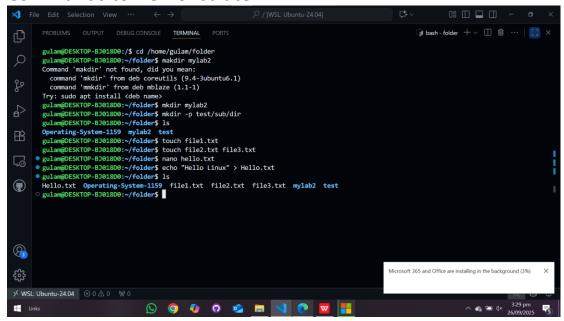
Cd ~



# **Part 3: File and Directory Options**

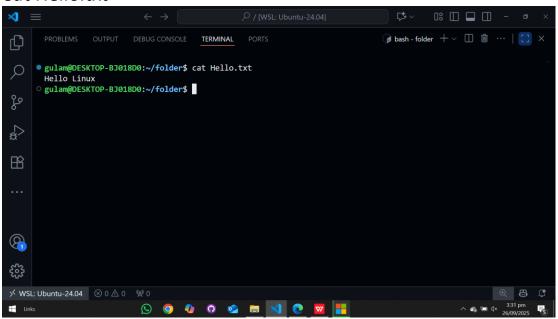
## 3.1 Creating and Managing File Directories

#### **Commands to Demonstrate:**

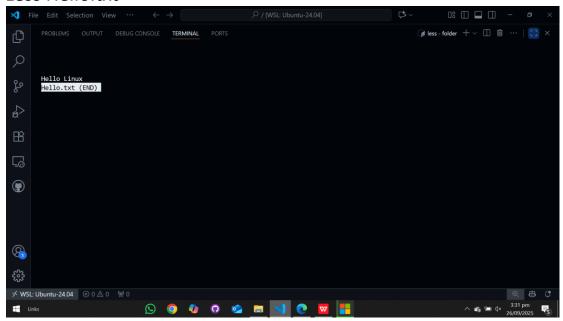


## **File Viewing Commands:**

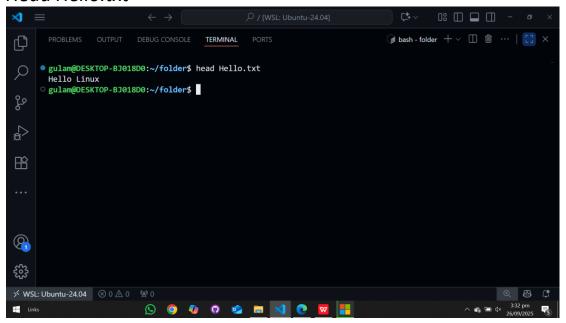
#### Cat Hello.txt



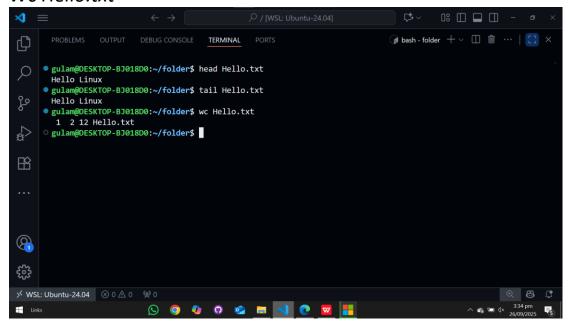
#### Less Hello.txt



#### Head Hello.txt

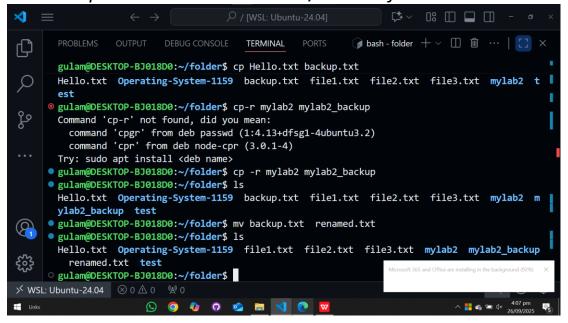


#### Tail Hello.txt Wc Hello.txt

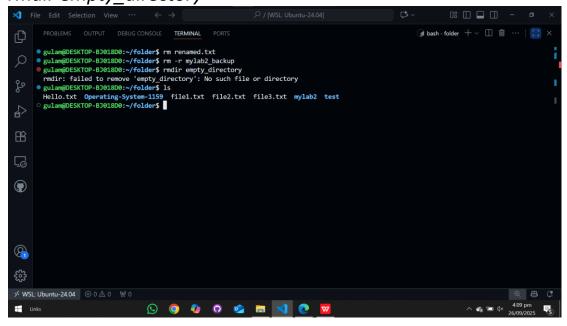


# 3.2 Copying Moving & Deleting

cp hello.txt backup.txt # Copy file
cp-r mylab2 mylab2\_backup # Copy directory recursively
mv backup.txt renamed.txt # Move/rename file



rm renamed.txt
rm-r mylab2\_backup # Remove directory
rmdir empty\_directory



## Part 4: File Permission and Ownership:

4.1 Understanding File Permission

