

# **National Textile University**

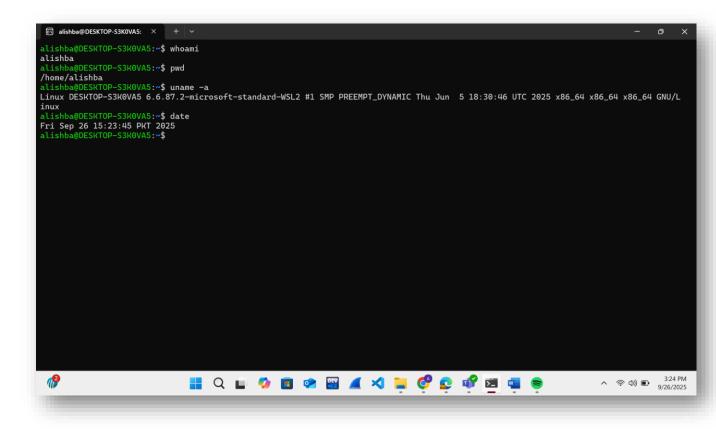
Department of Computer Science

Subject:
Operating Systems
Submitted To:
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Registration No:
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Lab No:
2
Semester:

5th

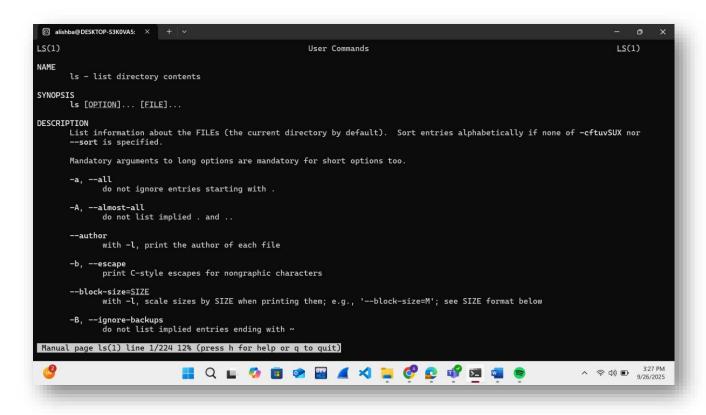
#### **Part 1: Linux Environment Orientation**

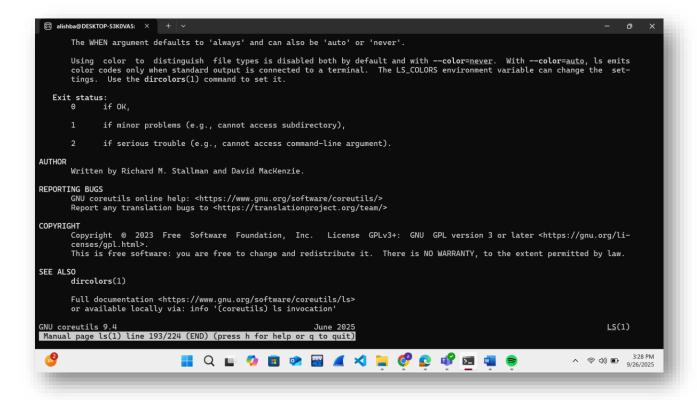
## 1.1 Understanding the Linux Environment



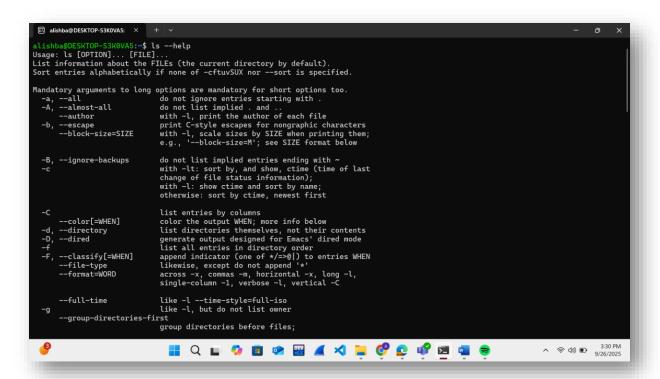
## 1.2 Getting Help in Linux

#### • man ls

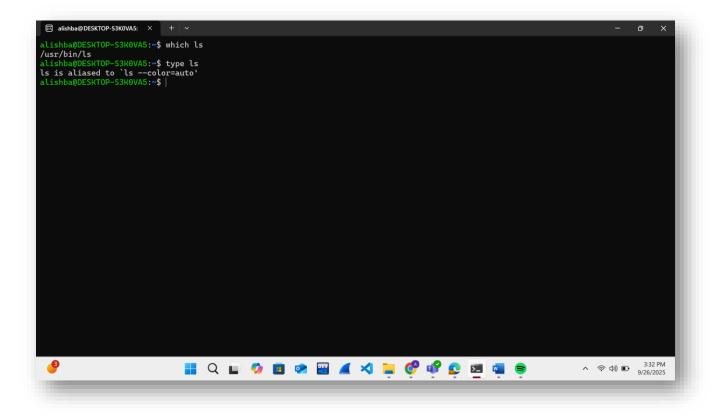




#### • ls --help



#### • which Is & type Is



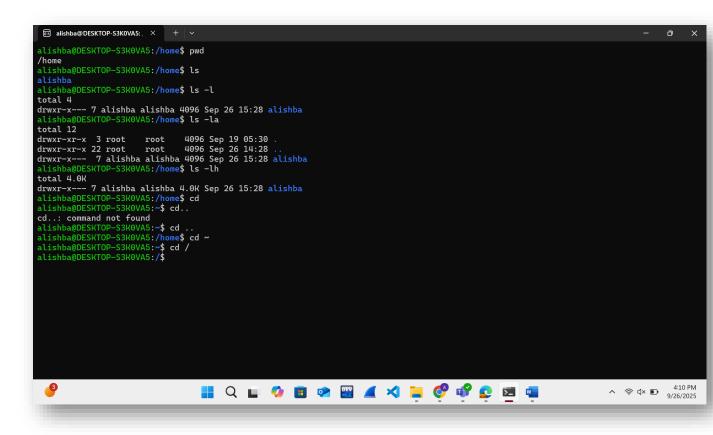
#### Part 2: File System Navigation

#### 2.1 Understanding Linux Directory Structure

```
## Alishba@DESKTOP-S3K8VA5:-$ \s /
bin boot etc
bin.usr-is-merged dow home lib lib64 media opt root sbin snap sys usr

### Alishba@DESKTOP-S3K8VA5:-$ \s - \a
total 76
drwxr-xr- 7 alishba alishba
### Alishb
```

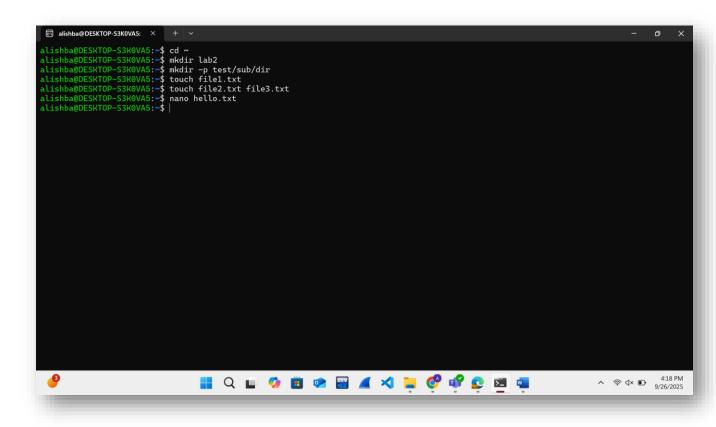
# **2.2 Basic Navigation Commands**



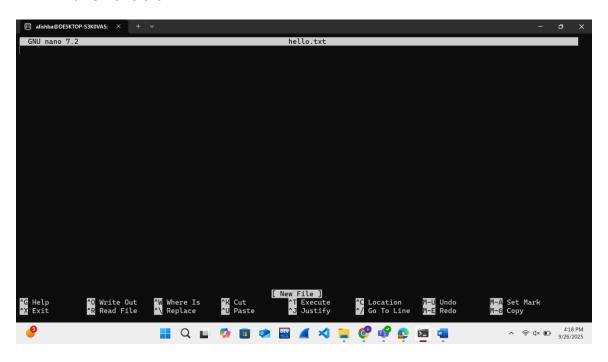
# Part 3: File and Directory Operations

# 3.1 Creating and Managing Files/Directories

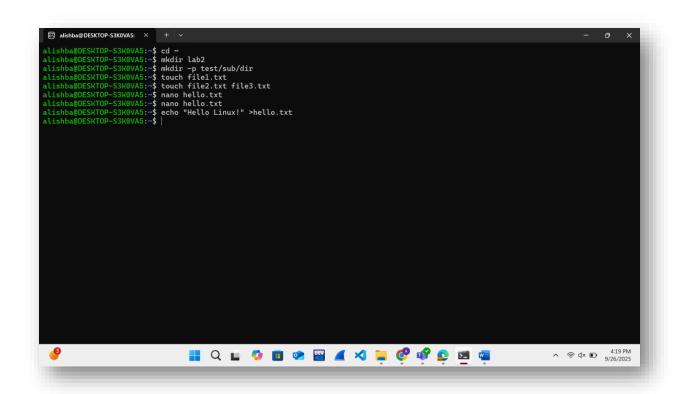
• Commands for demonstration



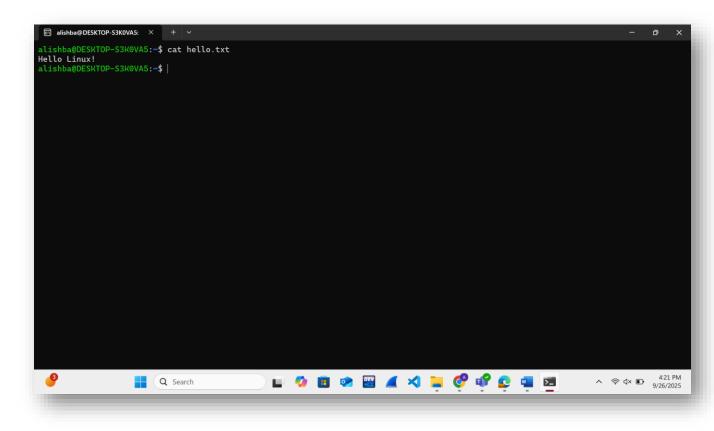
• nano hello.txt



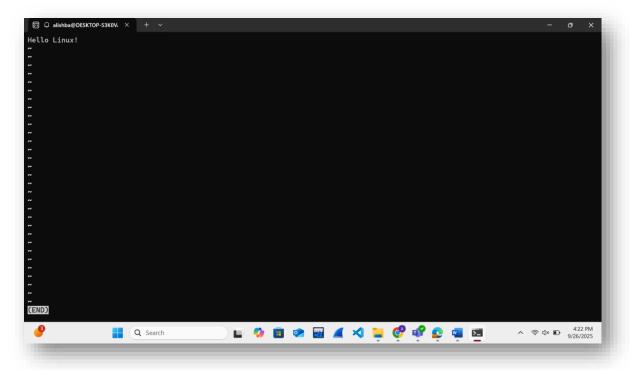
other commands:



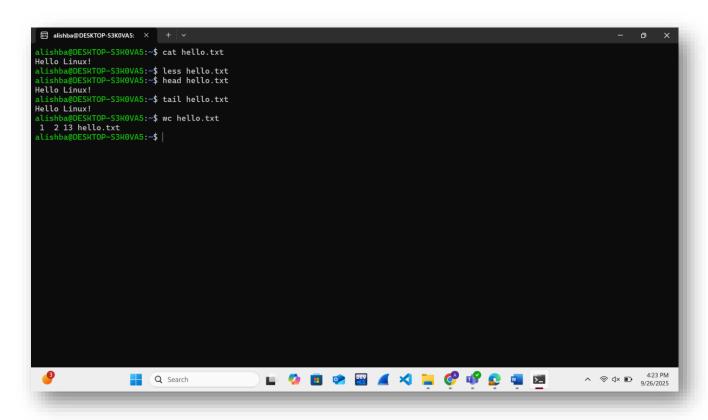
• File viewing commands:



• less hello.txt

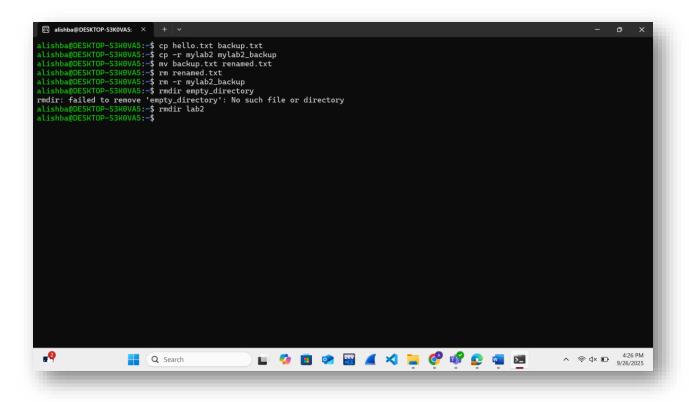


• other commands



# 3.2 Copying, Moving, and Deleting

• Commands to practice



## Part 4: File Permissions and Ownership

## 4.1 Understanding File Permissions