# **Day 5 - 30 May 2025**

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### **Linux Practice Tasks 1–38**

Note: I have added all my screenshots at the end.

I have lost some screenshots at the start, but have pasted “history” screenshots

#### **Task 1:**

**Create a Directory with the Name LinuxPractice**mkdir LinuxPractice  
*Creates a directory named LinuxPractice.*

#### **Task 2:**

**Change to the directory**cd LinuxPractice  
*Changes current working directory to LinuxPractice.*

#### **Task 3:**

**Create a file named TestFile1.txt and add content to it**nano TestFile1.txt  
Type some content and save using Ctrl + X, then Y, then Enter.

#### **Task 4:**

**Create a folder named Dummy and try to delete it**Create: mkdir Dummy  
Delete: rmdir Dummy  
*Note: Folder must be empty to delete with rmdir.*

#### **Task 5:**

**Check the working directory**pwd  
*Prints the current working directory.*

#### **Task 6:**

**Check all files and directories in the current directory**ls  
*Lists directory contents.*

#### **Task 7:**

**Create five files named TestFile2.txt to TestFile6.txt**touch TestFile2.txt TestFile3.txt TestFile4.txt TestFile5.txt TestFile6.txt

#### **Task 8:**

**Copy all files from Dir1 to Dir2**cp Dir1/\* Dir2/  
*Ensure Dir1 and Dir2 exist.*

#### **Task 9:**

**Move all files from Dir2 to Dir3**mv Dir2/\* Dir3/

#### **Task 10:**

**Difference between rm and rmdir**

* rm filename: Removes files
* rmdir dirname: Removes empty directories

#### **Task 11:**

**Use cat command to create a file with dummy text from Lorem Ipsum**cat > dummy.txt  
Paste the content and press Ctrl + D to save.

#### **Task 12:**

**Get only the top part of your file**head dummy.txt

#### **Task 13:**

**Get only the last part of your file**tail dummy.txt

#### **Task 14:**

**Add dummy text of 5–6 pages and show it page by page**Use nano or cat to add content  
View: less dummy.txt

#### **Task 15:**

**Use more command and compare with less**more dummy.txt  
*Difference: less supports backward navigation; more doesn’t.*

#### **Task 16:**

**Use echo command with -e**echo -e "Line1\nLine2\nLine3"

#### **Task 17:**

**Difference between ls and ls -l**

* ls: Lists filenames
* ls -l: Lists files with permissions, size, and details

#### **Task 18:**

**Create a file using touch, cat, and echo**

* touch file1.txt
* echo "Hello" > file2.txt
* cat > file3.txt → type text → Ctrl+D

#### **Task 19:**

**Display the calendar**cal

#### **Task 20:**

**Go back 1 directory at a time**cd ..

#### **Task 21:**

**Check current user**whoami

#### **Task 22:**

**Find out who is peeping into your system**

* users
* who
* w

#### **Task 23:**

**Check disk space**df -h

#### **Task 24:**

**Understand ls -l prefixes**

* - = Regular file
* d = Directory
* l = Symbolic link
* b, c, s, p = Special files

#### **Task 25:**

**List all .txt files**ls \*.txt

#### **Task 26:**

**Check hidden files**ls -a

#### **Task 27:**

**Difference between . and ..**

* . = Current directory
* .. = Parent directory

#### **Task 28:**

**Create a file using vi editor**vi vi\_practice.txt  
Use i to insert → Esc → type :wq and press Enter

#### **Task 29:**

**Find number of words in file**wc dummy.txt

* First: lines
* Second: words
* Third: bytes
* Fourth: filename

#### **Task 30:**

**Use of cat -b**cat -b filename.txt  
*Displays file content with line numbers.*

#### **Task 31:**

**Use wc with multiple files**wc file1.txt file2.txt

#### **Task 32:**

**Copy content from one file to another**cp file1.txt file2.txt

#### **Task 33:**

**Rename file using mv**mv oldfilename.txt MYFILENEW.txt

#### **Task 34:**

**Delete multiple files**rm file1.txt file2.txt

#### **Task 35:**

**Understand / (root directory)**cd / → ls

#### **Task 36:**

**Go to home directory**cd ~

#### **Task 37:**

**Move to another user’s home directory**cd ~username

#### **Task 38:**

**Chmod basics**Change file permissions using:  
chmod 755 filename

* 7 = read + write + execute
* 5 = read + execute

#### **Other Notes:**

* View users: cat /etc/passwd
* Show usernames only: awk -F: '{ print $1 }' /etc/passwd
* Exit editor: Esc → :wq or ZZ
* Clear screen: clear
* Show command history: history























