

# Linux Practice Task List

## Installation Commands (Run First)

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`sudo apt update`

`sudo apt install vim less more coreutils util-linux -y`

## Task List with Commands

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### 1. Create a Directory

`mkdir "Linux Practice"`

### 2. Change to the Directory

`cd "Linux Practice"`

### 3. Create a File and Add Content

`echo "This is TestFile1 content" > TestFile1.txt`

### 4. Create and Delete a Folder

`mkdir Dummy`

`rmdir Dummy`

### 5. Show Current Directory

`pwd`

### 6. List All Files and Folders

`ls`

7. Create Files TestFile2.txt to TestFile6.txt

```
touch TestFile{2..6}.txt
```

8. Copy All Files from Dir1 to Dir2

```
cp /path/to/Dir1/* /path/to/Dir2/
```

9. Move All Files from Dir2 to Dir3

```
mv /path/to/Dir2/* /path/to/Dir3/
```

10. Difference Between rm and rmdir

```
rm filename      # Deletes files
```

```
rmdir foldername # Deletes empty folders only
```

11. Use cat to Create a File

```
cat > dummy.txt  # Paste content then press Ctrl+D
```

12. Show Top of File

```
head dummy.txt
```

13. Show Bottom of File

```
tail dummy.txt
```

14. Add 5-6 Pages of Text and Use less

```
cat >> dummy.txt  # Paste paragraphs, then Ctrl+D
```

```
less dummy.txt
```

15. Use more and Compare with less

```
more dummy.txt
```

16. Use echo with -e

```
echo -e "Line1\nLine2\tTabbed"
```

17. Difference Between ls and ls -l

```
ls    # Names only
```

```
ls -l  # Detailed info
```

18. Create File Using Touch, Cat, and Echo

```
touch file_touch.txt
```

```
echo "Created with echo" > file_echo.txt
```

```
cat > file_cat.txt  # Then type and Ctrl+D
```

19. Show Calendar

```
cal
```

20. Go Back One Directory

```
cd ..
```

21. Show Current User

```
whoami
```

22. Who is Logged In

```
users
```

```
who
```

w

### 23. Show Disk Usage

```
df -h
```

### 24. File Type Prefixes (via ls -l)

- = file, d = directory, l = symlink, etc.

### 25. List All .txt Files

```
ls *.txt
```

### 26. Show Hidden Files

```
ls -a
```

### 27. Difference Between . and ..

. = current, .. = parent

### 28. Create File with vi Editor

```
vi file_vi.txt
```

### 29. Count Words in File

```
wc dummy.txt
```

### 30. Use cat -b

```
cat -b dummy.txt
```

### 31. Use wc with Multiple Files

```
wc file1.txt file2.txt
```

### 32. Copy Content to Another File

```
cp oldfile.txt newfile.txt
```

### 33. Rename File

```
mv oldname.txt MYFILENEW.txt
```

### 34. Delete Multiple Files

```
rm file1.txt file2.txt file3.txt
```

### 35. Go to Root Directory

```
cd /
```

### 36. Go to Home Directory

```
cd ~
```

### 37. Go to Another User's Home Directory

```
cd ~username
```

### 38. chmod Usage

```
chmod 755 script.sh
```