**File management in Linux**

**### File and Directory Management**

1. \*\*`ls`\*\* – Lists files and directories in the current location.

2. \*\*`cd /path/to/directory`\*\* – Changes the working directory.

3. \*\*`pwd`\*\* – Prints the current working directory.

4. \*\*`mkdir new\_folder`\*\* – Creates a new directory.

5. \*\*`rmdir empty\_folder`\*\* – Removes an empty directory.

6. \*\*`rm file.txt`\*\* – Deletes a file.

7. \*\*`rm -r folder`\*\* – Deletes a folder and its contents.

8. \*\*`cp file1.txt file2.txt`\*\* – Copies a file.

9. \*\*`cp -r dir1 dir2`\*\* – Copies a directory recursively.

10. \*\*`mv old\_name new\_name`\*\* – Moves or renames a file or directory.

**### File Viewing and Editing**

11. \*\*`cat file.txt`\*\* – Displays file content.

12. \*\*`tac file.txt`\*\* – Displays file content in reverse order.

13. \*\*`less file.txt`\*\* – Opens a file for viewing with scrolling support.

14. \*\*`more file.txt`\*\* – Similar to `less`, but only moves forward.

15. \*\*`head -n 10 file.txt`\*\* – Displays the first 10 lines of a file.

16. \*\*`tail -n 10 file.txt`\*\* – Displays the last 10 lines of a file.

17. \*\*`nano file.txt`\*\* – Opens a simple text editor.

18. \*\*`vi file.txt`\*\* – Opens a powerful text editor.

19. \*\*`echo 'Hello' > file.txt`\*\* – Writes text to a file, overwriting existing content.

20. \*\*`echo 'Hello' >> file.txt`\*\* – Appends text to a file without overwriting.