**Day 5- Assignment 1(Linux)**

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**Problem**: write some 30 Linux commands.

**Solution**:

Here are 30 basic Linux commands that are commonly used:

1. ls - Lists directory contents.

2. cd - Changes the current directory.

3. pwd - Prints the current working directory.

4. mkdir - Creates a new directory.

5. rmdir - Removes an empty directory.

6. rm - Removes files or directories.

7. cp - Copies files or directories.

8. mv - Moves or renames files or directories.

9. touch - Creates an empty file or updates the timestamp of an existing file.

10. cat - Concatenates and displays the content of files.

11. nano - A simple text editor.

12. vi - A powerful text editor.

13. chmod - Changes file permissions.

14. chown - Changes file ownership.

15. find - Searches for files in a directory hierarchy.

16. grep - Searches for patterns within files.

17. tar - Archives files.

18. gzip - Compresses files.

19. gunzip - Decompresses files.

20. df - Reports file system disk space usage.

21. du - Estimates file space usage.

22. ps - Displays information about running processes.

23. top - Displays system tasks and resource usage.

24. kill - Terminates processes.

25. ping - Checks network connectivity.

26. wget - Downloads files from the web.

27. curl - Transfers data from or to a server.

28. sudo - Executes a command as another user, typically the superuser.

29. apt-get - A package handling utility for Debian-based distributions.

30. man - Displays the manual pages for commands.