HIGH / ADVANCED LEVEL — 50 COMMANDS

(Text processing, admin, automation, scripting, servers)

1. `grep "text" file`
   → Searches text in file
2. `grep -i "text" file`
   → Case-insensitive search
3. `grep -r "text" dir`
   → Recursive search
4. `grep -n "text" file`
   → Shows line numbers
5. `find . -name file.txt`
   → Finds file by name
6. `find / -type f`
   → Finds all files
7. `find . -size +10M`
   → Finds large files
8. `locate filename`
   → Fast file search
9. `updatedb`
   → Updates locate database
10. `wc file.txt`
    → Counts lines, words, characters
11. `wc -l file.txt`
    → Counts lines only
12. `sort file.txt`
    → Sorts file content
13. `sort -r file.txt`
    → Reverse sort
14. `uniq file.txt`
    → Removes duplicate lines
15. `uniq -c file.txt`
    → Counts duplicates
16. `cut -d: -f1 /etc/passwd`
    → Extracts usernames
17. `awk '{print $1}' file`
    → Prints first column
18. `awk -F: '{print $1,$3}' /etc/passwd`
    → Username + UID
19. `sed 's/old/new/' file`
    → Replaces text (once)

20. `sed -i 's/old/new/g' file`
   → Replace globally in file
21. `>`
   → Output redirection (overwrite)
22. `>>`
   → Output redirection (append)
23. `<`
   → Input redirection
24. `|`
   → Pipe output to another command
25. `tee output.txt`
   → Save and display output
26. `xargs`
   → Builds command arguments
27. `ln file hardlink`
   → Creates hard link
28. `ln -s file softlink`
   → Creates symbolic link
29. `readlink softlink`
   → Shows target of link
30. `tar -cvf data.tar folder`
   → Creates archive
31. `tar -xvf data.tar`
   → Extracts archive
32. `tar -czvf data.tar.gz folder`
   → Compressed archive
33. `gzip file`
   → Compress file
34. `gunzip file.gz`
   → Decompress file
35. `zip data.zip file`
   → Zip compression
36. `unzip data.zip`
   → Unzip archive
37. `scp file user@host:/path`
   → Secure file transfer
38. `rsync -av src/ dest/`
   → Efficient file sync
39. `ssh user@host`
   → Remote login
40. `crontab -e`
   → Schedule tasks
41. `crontab -l`
   → List cron jobs
42. `at 5pm`
   → Schedule one-time task

43. `watch ps aux`
   → Live process watch
44. `mount`
   → Mount file systems
45. `umount /dev/sdb1`
   → Unmount device
46. `lsblk`
   → Block devices list
47. `blkid`
   → Disk UUID info
48. `dmesg`
   → Kernel messages
49. `journalctl`
   → System logs
50. `systemctl status service`
   → Service status check