CODE YODHA

Shell Cheatsheet – Essential Commands

File & Directory Operations

- **List files:** ls
- **List with details:** ls -l
- **List hidden files:** ls -a
- **Change directory:** cd folder_name
- **Go back one directory:** cd ..
- **Present directory:** pwd
- **Create directory:** mkdir folder_name
- **Remove file:** rm file_name
- **Remove directory:** rm -r folder_name
- **Copy file:** cp source.txt destination.txt
- **Move/rename file:** mv old.txt new.txt

File Viewing & Editing

- **View file content:** cat file.txt
- **Page view:** less file.txt / more file.txt
- **Head (first lines):** head -n 10 file.txt
- **Tail (last lines):** tail -n 10 file.txt
- **Edit file (CLI editor):** nano file.txt / vim file.txt

Searching & Filtering

- **Search in file:** grep "pattern" file.txt
- **Recursive grep:** grep -r "pattern" ./
- **Find files by name:** find . -name "*.txt"
- **Find by type:** find /path -type f -name "*.sh"
- **Search command history:** history | grep command

Permissions & Ownership

- **Show permissions:** ls -l
- **Change permissions:** chmod +x script.sh
- **Recursive chmod:** chmod -R 755 folder
- **Change ownership:** chown user:group file
- **Become root:** sudo command

Process Management

- **Current processes:** ps aux
- **Filter process:** ps aux | grep python
- **Kill by PID:** kill 1234
- **Force kill:** kill -9 1234
- **Background job:** command &
- **List jobs:** jobs
- **Bring to foreground:** fg %1

Networking & System

- **Show IP:** ip a / ifconfig
- **Ping:** ping google.com
- **Download file:** wget URL / curl -O URL
- **System info:** uname -a
- **Disk usage:** df -h
- **Memory usage:** free -h

Package Management (Debian/Ubuntu)

- **Update list:** sudo apt update
- **Upgrade packages:** sudo apt upgrade
- **Install package:** sudo apt install name
- **Remove package:** sudo apt remove name
- **Search package:** apt search name

YodhaNote