TERMUX BASIC COMMAND

1. PACKAGE MANAGEMENT

pkg update → Updates the package lists

pkg upgrade → Upgrades all installed packages

pkg install <package_name> → Installs a package (e.g., pkg install nano)

pkg uninstall <package_name> → Uninstalls a package

pkg list-all → Lists all available packages

2. FILE & DIRECTORY MANAGEMENT

ls → Lists files and directories

ls -la → Lists all files (including hidden) in detail

cd <directory> → Changes directory

cd .. → Moves up one directory

pwd → Shows the current directory

mkdir <directory_name> → Creates a new directory

rm <file> → Deletes a file

rm -r <directory> → Deletes a directory and its contents

3. FILE MANIPULATION

touch <file> → Creates a new empty file

cp <source> <destination> → Copies a file or directory

mv <source> <destination> → Moves or renames a file

cat <file> → Displays file contents

nano <file> → Opens a file in the Nano text editor

chmod +x <file> → Makes a file executable

4. ***PROCESS MANAGEMENT***

ps → Displays running processes

kill <PID> → Kills a process (use ps to find the PID)

top → Shows real-time system processes

5. ***NETWORK COMMANDS***

ping <domain> → Checks connectivity to a domain

wget <URL> → Downloads a file from a URL

curl <URL> → Fetches content from a URL

ifconfig or ip a → Shows network interface details

6. ***STORAGE ACCESS***

termux-setup-storage → Grants access to internal storage (/SDCARD/)

cd /sdcard → Navigates to internal storage

7. ***USER & SYSTEM INFORMATION***

whoami → Displays current user

uname -a → Shows system information

df -h → Shows storage usage

8. ***SCRIPTING & EXECUTION***

bash <script.sh> → Runs a Bash script

sh <script.sh> → Runs a shell script

python <script.py> → Runs a Python script

9. ***EXITING TERMUX***

exit → Closes session the Termux

history → See command history

TERMUX ADVANCE COMMAND

1. ADVANCED PACKAGE MANAGEMENT

- **pkg search <keyword>** → Searches for a package
- **dpkg -l** → Lists all installed packages
- **dpkg -L** <package> → Shows files installed by a package
- **apt autoremove** → Removes unnecessary packages

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2. PROCESS & SYSTEM MONITORING

- **htop** → Interactive process viewer (better than top)
- **uptime** → Shows system uptime
- **watch <command>** → Runs a command repeatedly (e.g., watch -n 1 free -m)

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3. ADVANCED FILE MANAGEMENT

- **find / -name "<filename>"** → Searches for a file
- **locate <filename>** → Finds file locations (requires pkg install mlocate)
- **grep "text" <file>** → Searches for specific text inside a file
- **tar -cvf archive.tar <directory>** → Creates a tar archive
- **tar -xvf archive.tar** → Extracts a tar archive
- **zip -r archive.zip <directory>** → Creates a ZIP archive
- **unzip archive.zip** → Extracts a ZIP archive

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4. ***USER MANAGEMENT (FOR SSH)***

- **passwd** → Changes the Termux user password
- **useradd <username>** → Adds a new user (requires proot)
- **usermod -aG <group> <username>** → Adds a user to a group

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5. ***NETWORKING & HACKING TOOLS***

- **nmap <IP>** → Scans a network (requires pkg install nmap)
- **tcpdump -i wlan0** → Captures network traffic (requires root)

- **whois <domain>** → Retrieves WHOIS information
- **netstat -tulnp** → Lists active network connections
- **wget --mirror <URL>** → Downloads an entire website

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6. ***SSH & REMOTE ACCESS***

- **ssh user@host** → Connects to a remote SSH server
- **ssh-keygen** → Generates SSH keys
- **scp <file> user@host:/path/** → Securely copies files

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7. ***ADVANCED SCRIPTING***

- **echo -e "#!/bin/bash\necho 'Hello'" > script.sh** → Creates a script
- **chmod +x script.sh** → Makes the script executable
- **./script.sh** → Runs the script

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8. ***METASPLOIT FRAMEWORK (PENTESTING)***

- **pkg install unstable**-repo
- **pkg install metasploit**
- **msfconsole** → Opens Metasploit

9. ***NGROK (PORT FORWARDING)***

- **pkg install wget**
- **wget https://bin.equinox.io/c/4VmDzA7iaHb/ngrok-stable-linux-arm.zip**
- **unzip ngrok-stable-linux-arm.zip**
- **./ngrok authtoken <your_token>**
- **./ngrok http 8080** → Exposes local port 8080

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10. ***RUNNING KALI LINUX IN TERMUX***

- **pkg install wget**
- **wget -O install-nethunter-termux https://offs.ec/2MceZWr**
- **chmod +x install-nethunter-termux**
- **./install-nethunter-termux**
- **nethunter** → Starts Kali Linux

It is only for education .