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| cat | •Displays file contents in the terminal |
| tac | •Displays the reverse order of the contents in the terminal |
| nano | •Linux text editor |
| touch | •Creates empty files |
| find | •Search files |
| file | •Displays the type of a file |
| head | •Displays the first 10 Lines of a file |
| tail | •Displays the last 10 Lines of a file |
| more | •Displays the page in a text file |
| less | •Displays page in a text file |
| grep | •Search for words in text files |
| cal | •Displays calendar |
| date | •Displays the current date |
| whatis | •Displays an explanation of a command |
| I | •Sends the output from one command to input from another command allowing the execution of two commands. |
| > | •Redirects the output from one command to another command or file |
| >> | •Redirects the output and adds it to a command or file |
| < | •Directs the input of a file to the output of a command |
| & | •This operator allows you to use two commands and separate your output in the terminal |
| && | •Used for two commands to be exec only if the first one runs successfully |
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| /bin/ | • Main binaries of the users. |
| [boot/ | • Boot System Files |
| /dev/ | • Device files |
| /etc/ | • System configuration files |
| /home/ | • Directory of the common users of the system. |
| /lib/ | • Essential system libraries and kernel modules |
| /media/ | • Directory for mounting devices |
| /mnt/ | • Directory for mounting devices - even if media |
| /opt/ | • Installation of non-official distribution or per account programs of the user. |
| /sbin/ | • Stores executable files that represent commands Example• shutdown |
| /srv/ | • Directory for data of services provided by the system. |
| /tmp/ | • Directory for temporary files |
| /usr/ | • Second system hierarchy, where the common users of the system and programs are located. |
| /var/ | • Directory with variable files generated by system programs\_ Example: log , printers, email and caching. |
| /root/ | Directory of user root - Directory of user root - The root user has full power over the system. |
| /cat /proc/cpuinfo | • Processor information file |
| Iscpu | • Displays Processor Information |
| cat /proc/meminfo | • Memory Information File |
| free | • Displays physical and virtual memory information |
| Ishw | • Displays Detailed Hardware Information |
| Ishw —short | • Displays hardware information |
| uname | • Displays the name of the system kernel |
| uname — r | • Displays kernel version |
| uname —m | • Displays kernel architecture |
| arch | • Displays kernel architecture |
| Ispci | • Displays all connected PCI cards |
| Isusb | • Displays all connected USB devices |
| Du -h ~ | •Displays the space that each file and folder in the personal directory consumes on the hard drive |
| reboot | • Restarts the system |
| shutdown -r | • Restarts the system |
| shutdown -h how | • Shuts down the system quickly |

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| ifconfig | •Displays information about network interface and IP |
| hostname | • Displays Information about the Host |
| hostname - i | • Displays the number of loopback host address |
| hostname -I | • Displays the IP address on the network. |
| dig host | • Displays information about a host's DNS. |
| dig host +short | •Displays the IP Number of a host. |
| w | • Displays detailed information about the user of the computer on the network |
| who | •Displays short information about the user of the computer on the network |
| whoami | •Displays the name of the computer user on the network. |
| traceroute host | •Displays Information over your network route to the desired host |
| ping host | •Tests a host |
| finger | •Displays information about the user of the computer |
| ls -a | • Displays hidden files and directions |
| ls -f | • Displays the directory with/at the end |
| nl | • Displays a file with its line number |
| wc —l | • Counts the number of lines in a file including blank ones and displays in the terminal |
| wc —w | • Counts the number of words in a file and displays in the terminal |
| wc -c | • Displays the number of bytes of a file |
| sort | • Organizes a file in alphabetical or numeric order |
| time | • Displays the processing time of a command for the system, for the current user |
| uptime | • Displays system processing information |
| cmp | • Compare two files |
| seq | • Prints a sequence of number with beginning and end |
| Route -n | • Displays kernel IP routing table |
| alias | • Allows you to change the name of a command |
| last reboot | • Displays Information about system reboots |
| history —c | • Clears command history |
| init 0 | • Shuts down the system |
| tellnit 0 | • Shuts down the system |
| whereis | • Displays the program path and its manual |
| which | • Displays the path of a program |
| logout | • Ends Session |

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| adduser | •Adds a user |
| sudo su | •Switching to user root |
| su user | •Switch to another user |
| passwd | •Exchange user password |
| lastlog | •Displays User Login Information |
| last | • Displays the user's entry and exit listing in the system. |
| logname | •Displays the name of the current user logged into the system |
| id | •Displays all user identifiers |
| cat /etc/passwd | •Displays all user |
| userdel -r nomedousuario | •Removes the user and his personal folder |
| cat /etc/group | •Displays all system groups |
| adduser group user | •Adds a user to a group |
| gpasswd —a group user | •Adds a user to a group |
| gpasswd —d group user | •Removes a user from a group |
| groupdel group | •Removes a group |
| ls -lh | • Displays details in the listing of a directory as permissions |
| chmod | • Allows modification of permissions |
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| 1 | • Create a file called Compress.txt |
| 2 | • Edit this file with the names of the Compactors |
| 3 | • Compresses this file with zip |
| 4 | • Unzip the file |
| 5 | • Compress the file with rar |
| 6 | • Unzip this file |
| 7 | • Compress this file with gzip |
| 8 | • Unzip this file |
| 9 | • Compress this file with bzip2 |
| 10 | • Unzip this file |
| 11 | • Archive from file with tar |
| 12 | • Compact the tar archive with gzip |
| 13 | • Unzip this file |
| 15 | • Exit the terminal |
| 16 | • View the file to compress.txt |
| 17 | • Run the init 0 command to shut down the system |
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| apt | • Package Manager |
| apt install | • Install packages |
| apt upgrade | • Updates Packages |
| apt update && apt apgrade | • Updates the System |
| dpkg | • Deb Package Manager |
| dpkg —i | • Installs a Deb Package |
| dpkg —r | • Removes a deb package |
| dpkg —l | • Information of the deb package |
| rpm | • rpm Package Manager |
| rpm —ivh | • Installs an rpm Package |
| rpm —U | • Updates an rpm Package |
| Rpm -e | • Removes an rpm Package |
| yum | • Rpm package manager |
| yum install | • Installs an rpm Package |
| yum update | • Updates an rpm Package |
| yum remove | • Removes an rpm Package |