

LINUX COMMANDS

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LS:- LIST INFORMATION ABOUT FILES.

Syntax:- ls

```
(hackerrana@kali)-[~]  
$ ls  
2.sh      Music     Templates mimikatz   package.json  
Desktop   ONLINE.txt Videos    nano.440653.save rau  
Documents Pictures  file1     node_modules students  
Downloads Public    hari      package-lock.json
```



DIR: THE “MKDIR” COMMAND CREATE A NEW DIRECTORY.

SYNTAX:- dir

```
(hackerrana@kali)-[~]  
$ dir  
2.sh      Music      Templates  mimikatz   package.json  
Desktop    ONLINE.txt Videos     nano.440653.save  rau  
Documents  Pictures    file1       node_modules  students  
Downloads  Public      hari        package-lock.json
```



MKDIR: THE “MKDIR” COMMAND CREATE A NEW DIRECTORY.

SYNTAX:- mkdir directory_name

```
(hackerrana@kali)-[~]  
$ mkdir students  
  
(hackerrana@kali)-[~]  
$ ls  
2.sh      Documents Music      Pictures Templates hari      nano.440653.save package-lock.json rau  
Desktop  Downloads ONLINE.txt Public   Videos  mimikatz node_modules package.json  students
```



CAT: IT IS USED TO CONCATENATE AND PRINT(DISPLAY) THE CONTENT OF FILES.

SYNTAX:- cat > filename

```
(hackerrana@kali)-[~/Desktop]
$ cat passwords.txt
password
hari@5390
msfadmin
raushan123
```



TOUCH: IT IS USED TO CREATE FILE WITHOUT CONTENT

SYNTAX:-touch filename

```
(hackerrana@kali)-[~]  
$ touch cyber
```

```
(hackerrana@kali)-[~]  
$ ls  
2.sh      ONLINE.txt  cyber      node_modules  students1  
Desktop   Pictures    file1      package-lock.json  
Documents Public       hari       package.json  
Downloads Templates  mimikatz   rau  
Music     Videos   nano.440653.save  students
```



CD: IT IS USED FOR CHANGE DIRECTORY.

SYNTAX:- `cd dir_name`

```
(hackerrana@kali)-[~]  
$ cd desktop  
cd: no such file or directory: desktop
```

```
(hackerrana@kali)-[~]  
$ cd Desktop
```



CP: IT COPIES A FILE FROM ONE LOCATION TO ANOTHER LOCATION.

SYNTAX:- cp src_file1 desti_file

```
(hackerrana@kali)-[~/Desktop]
$ cat passwords.txt
password
hari@5390
msfadmin
raushan123

(hackerrana@kali)-[~/Desktop]
$ cat users.txt
adminstrator
victim
msfadmin
hackerrana

(hackerrana@kali)-[~/Desktop]
$ cp passwords.txt users.txt

(hackerrana@kali)-[~/Desktop]
$ cat users.txt
password
hari@5390
msfadmin
raushan123
```



MV: THE “MV” COMMAND MOVES A FILE FROM ONE LOCATION TO ANOTHER LOCATION

SYNTAX:- mv source destination

```
(hackerrana@kali)-[~/Desktop]
$ ls
kali-nethunter.desktop  msf.pcapng  passwords.txt  try  users.txt

(hackerrana@kali)-[~/Desktop]
$ mv try new_gfg

(hackerrana@kali)-[~/Desktop]
$ ls
kali-nethunter.desktop  msf.pcapng  new_gfg  passwords.txt  users.txt
```



PWD: IT PRINTS THE CURRENT WORKING DIRECTORY WITH FULL PATH NAME FROM TERMINAL.

SYNTAX:- Pwd

```
(hackerrana@kali)-[~/Desktop]  
$ pwd  
/home/hackerrana/Desktop
```



WHEREIS: IT IS USED TO LOCATE THE SOURCES AND MANUAL PAGE OF THE COMMAND.

SYNTAX:- Whereis command

```
(hackerrana@kali)-[~]  
$ whereis cp  
cp: /usr/bin/cp /usr/share/man/man1/cp.1.gz
```



WHATIS: IT IS HELPFUL TO GET BRIEF INFORMATION ABOUT.

SYNTAX:- Whatis command

```
(hackerrana@kali)-[~]  
$ whatis cat  
cat (1)          - concatenate files and print on the standard output
```



WHICH: IT IS USED TO LOCATE
EXECUTABLES IN THE SYSTEM.

SYNTAX:- `mkdir directory_name`

```
(hackerrana@kali)-[~]  
$ which cp  
/usr/bin/cp
```



MAN: IT PROVIDES ONLINE DOCUMENTAION FOR ALL THE POSSIBLE OPTIONS WITH A COMMAND AND ITS USAGES.

SYNTAX:- MAN COMMAND

```
NMAP(1)                                Nmap Reference Guide                                NMAP(1)

NAME
    nmap - Network exploration tool and security / port scanner

SYNOPSIS
    nmap [Scan Type ...] [Options] {target specification}

DESCRIPTION
    Nmap ("Network Mapper") is an open source tool for network
    exploration and security auditing. It was designed to rapidly scan
    large networks, although it works fine against single hosts. Nmap
    uses raw IP packets in novel ways to determine what hosts are
    available on the network, what services (application name and
    version) those hosts are offering, what operating systems (and OS
    versions) they are running, what type of packet filters/firewalls
    are in use, and dozens of other characteristics. While Nmap is
    commonly used for security audits, many systems and network
    administrators find it useful for routine tasks such as network
    inventory, managing service upgrade schedules, and monitoring host
```



INFO: IT PROVIDES ONLINE DOCUMENTATION FOR ALL THE COMMANDS BUT IN A BETTER STRUCTURED WAY.

SYNTAX:- INFO COMMAND

```
(hackerrana@kali)-[~]  
$ info dir  
Command 'info' not found, but can be installed with:  
sudo apt install info  
Do you want to install it? (N/y)y  
sudo apt install info  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
The following packages were automatically installed and are no longer re  
ed:  
  cython3 debtags kali-debtags libadwaita-1-0 libaiol libappstream5  
  libatk-adaptor libboost-dev libboost1.74-dev libhiredis0.14  
  libjavascriptcoregtk-4.0-18 libopenblas-dev libopenblas-pthread-dev  
  libopenblas0 libperl5.36 libpython3-all-dev libpython3.12  
  libpython3.12-dev libqt5multimedia5 libqt5multimedia5-plugins  
  libqt5multimediagsttools5 libqt5multimediawidgets5 librtlsdr0  
  libstemmer0d libuccli libwebkit2gtk-4.0-37 libxmlb2 libxsimd-dev  
  libzxing2 linux-image-6.5.0-kali3-amd64 perl-modules-5.36  
  python3-all-dev python3-backcall python3-beniget python3-debian  
  python3-future python3-past python3-pickleshare python3-pytest
```



WHOAMI: IT IS USED TO FIND OUT
THE CURRENT USER OF THE TERMINAL.

SYNTAX:- WHOAMI

```
(hackerrana@kali)-[~]  
$ whoami  
hackerrana
```



IFCONFIG: IT IS USED FOR CONFIGURE A NETWORK INTERFACE.

SYNTAX:- IFCONFIG

```
(hackerrana@kali)-[~]  
$ ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
    inet 10.81.3.186 netmask 255.255.224.0 broadcast 10.81.31.255  
    inet6 fe80::a00:27ff:fe4b:a79 prefixlen 64 scopeid 0x20<link>  
    ether 08:00:27:4b:0a:79 txqueuelen 1000 (Ethernet)  
    RX packets 111694 bytes 7657997 (7.3 MiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 6070 bytes 654575 (639.2 KiB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



BC: IT MEANS THE BASIC CALCULATOR,
USED FOR THE BASIC CALCULATIONS.

SYNTAX:- BC

```
(hackerrana@kali)-[~]  
$ bc  
bc 1.07.1  
Copyright 1991-1994, 1997, 1998, 2000, 2004, 2006, 2008, 2012-2017 Free Soft  
ware Foundation, Inc.  
This is free software with ABSOLUTELY NO WARRANTY.  
For details type `warranty'.  
5+5.255  
10.255  
10/5  
2  
10/3  
3  
300/2  
150  
█
```



GREP: IT SEARCHES THE GIVEN FILE FOR LINES CONTAINING A MATCH TO THE GIVEN STRING OR WORDS.

SYNTAX:- grep word filename

```
(hackerrana@kali)-[~]  
$ grep -l "unix" *  
grep: Desktop: Is a directory  
grep: Documents: Is a directory  
grep: Downloads: Is a directory  
grep: Music: Is a directory  
grep: Pictures: Is a directory  
grep: Public: Is a directory  
grep: Templates: Is a directory  
grep: Videos: Is a directory  
grep: mimikatz: Is a directory  
grep: nano.440653.save: Permission denied  
grep: node_modules: Is a directory
```



HEAD: IT PRINTS THE FIRST 10 LINES OF THE GIVEN FILE.

SYNTAX:- head filename

```
(hackerrana@kali)-[~]  
$ head package.json  
{  
  "dependencies": {  
    "truecallerjs": "^2.2.0"  
  }  
}
```



TAIL: IT PRINTS THE LAST 10 LINES
OF THE GIVEN FILE.

SYNTAX:- tail filename

```
(hackerrana@kali)-[~]  
$ tail package.json  
{  
  "dependencies": {  
    "truecallerjs": "^2.2.0"  
  }  
}
```



TOP: LIST PROCESSES RUNNING ON THE SYSTEM.

SYNTAX:- top filename

```
top - 00:16:06 up 20:33, 1 user, load average: 0.00, 0.02, 0.00
Tasks: 197 total, 1 running, 192 sleeping, 4 stopped, 0 zombie
%Cpu(s): 0.8 us, 0.6 sy, 0.0 ni, 98.6 id, 0.0 wa, 0.0 hi, 0.0 si, 0.
MiB Mem : 3454.5 total, 866.9 free, 1510.5 used, 1365.5 buff/cache
MiB Swap: 976.0 total, 976.0 free, 0.0 used. 1943.9 avail Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+
733	root	20	0	529032	219936	66028	S	3.7	6.2	10:19.01
985	hackerr+	20	0	217824	2944	2560	S	0.3	0.1	1:25.56
993	hackerr+	20	0	218340	3072	2688	S	0.3	0.1	4:09.54
1116	hackerr+	20	0	380024	67628	22380	S	0.3	1.9	2:30.22
1118	hackerr+	20	0	342844	32780	21640	S	0.3	0.9	14:03.57
367926	hackerr+	20	0	456460	97400	82472	S	0.3	2.8	0:00.38
367995	hackerr+	20	0	12180	5504	3328	R	0.3	0.2	0:00.07
1	root	20	0	22472	13040	9584	S	0.0	0.4	0:05.83
2	root	20	0	0	0	0	S	0.0	0.0	0:00.09
3	root	20	0	0	0	0	S	0.0	0.0	0:00.00
4	root	20	0	0	0	0	S	0.0	0.0	0:00.00



ECHO: PRINTS A TEXT ON THE STANDARD OUTPUT.

SYNTAX:- echo message

```
(hackerrana@kali)-[//]  
PS> echo cyber dosti  
cyber  
dosti
```

```
(hackerrana@kali)-[//]  
PS> echo cyberdosti  
cyberdosti
```



DF: REPORT DISK USAGES OF FILE SYSTEM.

SYNTAX:- df

```
(hackerrana@kali)-[~]  
$ df
```

Filesystem	1K-blocks	Used	Available	Use%	Mounted on
udev	1726412	0	1726412	0%	/dev
tmpfs	353736	1052	352684	1%	/run
/dev/sda1	22399448	20666740	569548	98%	/
tmpfs	1768680	0	1768680	0%	/dev/shm
tmpfs	5120	0	5120	0%	/run/lock
tmpfs	353736	120	353616	1%	/run/user/1000



DU: ESTIMATE FILES SPACE USAGE.

SYNTAX:- `du directory_name`

```
(hackerrana@kali)-[~]  
$ du  
4      ./Templates  
12     ../local/state/wireplumber  
16     ../local/state  
4      ../local/share/icc  
8      ../local/share/nautilus/scripts  
12     ../local/share/nautilus  
4      ../local/share/ristretto  
4      ../local/share/nano  
8      ../local/share/powershell/PSReadLine  
4      ../local/share/powershell/Modules  
16     ../local/share/powershell  
76     ../local/share/gvfs-metadata  
4      ../local/share/flatpak/db  
8      ../local/share/flatpak  
12     ../local/share/keyrings  
24     ../local/share/mime/application
```



PS: PS (PROCESS) GIVES THE STATUS OF RUNNING PROCESS WITH A UNIQUE ID CALLED PID.

SYNTAX:- PS

```
(hackerrana@kali)-[~]  
$ ps  
  PID TTY          TIME CMD  
  1352 pts/1        00:00:12 zsh  
 183158 pts/1        00:00:00 cat  
 186937 pts/1        00:00:00 cat  
 308229 pts/1        00:00:00 ping  
 324586 pts/1        00:00:00 cat  
 347340 pts/1        00:00:00 zsh  
 347341 pts/1        00:00:00 command-not-fou  
 349239 pts/1        00:00:00 zsh  
 349240 pts/1        00:00:00 command-not-fou  
 353886 pts/1        00:00:00 head  
 361325 pts/1        00:00:00 grep  
 363334 pts/1        00:00:00 ps
```



APT-GET: SEARCH FOR AND INSTALL SOFTWARE PACKAGE (DEBIAN).

SYNTAX:- APT-GET INSTALL PIP

```
(hackerrana@kali)-[~]  
$ apt-get  
apt 2.7.12 (amd64)  
Usage: apt-get [options] command  
       apt-get [options] install|remove pkg1 [pkg2 ...]  
       apt-get [options] source pkg1 [pkg2 ...]
```

apt-get is a command line interface for retrieval of packages and information about them from authenticated sources and for installation, upgrade and removal of packages together with their dependencies.

Most used commands:

- update - Retrieve new lists of packages
- upgrade - Perform an upgrade
- install - Install new packages (pkg is libc6 not libc6.deb)
- reinstall - Reinstall packages (pkg is libc6 not libc6.deb)



UNAME: THE “UNAME” COMMAND STANDS FOR UNIX NAME, PRINT DETAILED INFORMATION ABOUT THE MACHINE, NAME OPERATING SYSTEMS AND KERNEL.

SYNTAX:- UNAME

```
(hackerrana@kali)-[~]  
$ uname  
Linux
```



SUDO: IT ALLOWS A PERMITTED USER TO EXECUTE A COMMAND AS THE SUPER USER OR ANOTHER USER.

SYNTAX:- SUDO SU

```
(hackerrana@kali)-[~]  
$ sudo su  
[sudo] password for hackerrana:  
(root@kali)-[/home/hackerrana]  
#
```



HISTORY: IT PRINTS THE HISTORY OF LONG LIST OF EXECUTED COMMANDS IN TERMINAL.

SYNTAX:- HISTORY

```
(hackerrana@kali)-[~]  
$ history  
1  recon  
2  --help  
3  Aircrack-ng -c  
4  aircrack-ng -a  
5  aircrack-ng -a 8178137266  
6  aircrack-ng --help  
7  msf console  
8  msf  
9  clear  
10 msfconsole  
11 msfconsole -q  
12 inSSIDer  
13 msfconsole -q  
14 clear  
15 service postgresql start  
16 service postgresql status  
17 msfdb init  
18 cd home  
19 cd /home
```



PASSWD: IT IS USED FOR MODIFY A USER PASSWORD.

SYNTAX:- PASSWD

```
(hackerrana@kali)-[~]  
$ passwd  
Changing password for hackerrana.  
Current password:  
New password:  
Retype new password:  
The password has not been changed.  
New password:  
Retype new password:
```



DATE: IT PRINT THE CURRENT DATE AND TIME ON THE STANDARD OUTPUT & CAN FURTHER BE SET.

SYNTAX:- DATE

```
(hackerrana@kali)-[~]  
$ date  
Thu May  2 23:59:34 IST 2024
```



CAL: IT IS USED TO DISPLAY CALENDER OF THE PRESENT MONTH OR ANY OTHER MONTH.

SYNTAX:- CAL

```
(hackerrana@kali)-[~]  
$ cal  
      May 2024  
Su Mo Tu We Th Fr Sa  
    1  2  3  4  
  5  6  7  8  9 10 11  
12 13 14 15 16 17 18  
19 20 21 22 23 24 25  
26 27 28 29 30 31
```



CLEAR: IT IS USED TO CLEAR THE SCREEN.

SYNTAX:- CLEAR

```
26 27 28 29 30 31
```

```
(hackerrana@kali)-[~]  
$ clear
```



DIG: IT IS USED FOR THE DNS LOOKUP.

SYNTAX:- DIG

```
(hackerrana@kali)-[~]  
$ dig  
;; communications error to 218.248.114.65#53: host unreachable  
;; communications error to 218.248.114.65#53: host unreachable  
;; communications error to 218.248.114.65#53: host unreachable  
;; communications error to 49.45.0.4#53: host unreachable  
;; communications error to 218.248.114.1#53: host unreachable  
  
; <<>> DiG 9.19.21-1-Debian <<>>  
;; global options: +cmd  
;; no servers could be reached
```



PING: IT IS USED TEST FOR NETWORK CONNECTION.

SYNTAX:- PING IPADDRESS

```
(hackerrana@kali)-[~]  
$ ping 192.168.56.1  
PING 192.168.56.1 (192.168.56.1) 56(84) bytes of data.  
From 10.81.3.186 icmp_seq=1 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=2 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=3 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=4 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=5 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=6 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=7 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=8 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=9 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=10 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=11 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=12 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=13 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=14 Destination Host Unreachable  
From 10.81.3.186 icmp_seq=15 Destination Host Unreachable
```



TRACEROUTE: IT IS USED FOR NETWORK DIAGNOSTICS.

SYNTAX:- traceroute hostip

```
(hackerrana@kali)-[~]  
$ traceroute 10.81.3.186  
traceroute to 10.81.3.186 (10.81.3.186), 30 hops max, 60 byte packets  
1  10.81.3.186 (10.81.3.186)  0.024 ms  0.005 ms  0.005 ms
```



RMDIR: THIS COMMAND IS USED FOR REMOVES FOLDERS/DIRECTORY.

SYNTAX:- rmdir Directory_Name

```
(hackerrana@kali)-[~]
$ ls
2.sh      Music      Templates  hari      package-lock.json
Desktop   ONLINE.txt Videos     mimikatz  package.json
Documents Pictures   cyber      nano.440653.save rau
Downloads Public     file1      node_modules students1

(hackerrana@kali)-[~]
$ rmdir students1

(hackerrana@kali)-[~]
$ ls
2.sh      Music      Templates  hari      package-lock.json
Desktop   ONLINE.txt Videos     mimikatz  package.json
Documents Pictures   cyber      nano.440653.save rau
Downloads Public     file1      node_modules
```



RM: THIS COMMAND IS USED FOR REMOVES FILES.

SYNTAX:- rm file_name

```
(hackerrana@kali)-[~]
$ ls
2.sh      Music      Templates  hari          package-lock.json
Desktop   ONLINE.txt Videos     mimikatz      package.json
Documents Pictures    cyber      nano.440653.save rau
Downloads Public      file1      node_modules

(hackerrana@kali)-[~]
$ rm hari

(hackerrana@kali)-[~]
$ ls
2.sh      Music      Templates  mimikatz      package.json
Desktop   ONLINE.txt Videos     nano.440653.save rau
Documents Pictures    cyber      node_modules
Downloads Public      file1      package-lock.json
```



SCREEN: IT IS USED MULTIPLEX TERMINAL , RUN REMOTE SHELLS VIA SSH.

SYNTAX:- screen

```
GNU Screen version 4.09.01 (GNU) 20-Aug-23
```

```
Copyright (c) 2018-2023 Alexander Naumov, Amadeusz Slawinski  
Copyright (c) 2015-2017 Juergen Weigert, Alexander Naumov, Amadeusz  
Slawinski  
Copyright (c) 2010-2014 Juergen Weigert, Sadrul Habib Chowdhury  
Copyright (c) 2008-2009 Juergen Weigert, Michael Schroeder, Micah Cowan,  
Sadrul Habib Chowdhury  
Copyright (c) 1993-2007 Juergen Weigert, Michael Schroeder  
Copyright (c) 1987 Oliver Laumann
```

```
This program is free software; you can redistribute it and/or modify it  
under the terms of the GNU General Public License as published by the  
Free Software Foundation; either version 3, or (at your option) any later  
version.
```



VI: IT IS USED FOR TEXT EDITOR.

SYNTAX:- vi file_name

```
password
hari@5390
msfadmin
raushan12█

"passwords.txt" 4L, 39B      4,10      All
```



WHO: PRINT ALL USERNAME CURRENTLY LOGGED IN.

SYNTAX:- who

```
(hackerrana@kali)-[/  
└─$ ps> who  
hackerrana tty7      2024-05-01 16:05 (:0)  
hackerrana pts/0      2024-05-02 23:34  
hackerrana pts/3      2024-05-02 23:38  
hackerrana pts/4      2024-05-02 23:47  
hackerrana pts/6      2024-05-03 00:30 (:pts/2:S.0)  
hackerrana pts/7      2024-05-03 00:33 (:pts/2:S.0)  
hackerrana pts/8      2024-05-03 00:34 (:pts/2:S.0)
```



FREE: THIS COMMAND IS USED FOR DISPLAY MEMORY USAGE INFORMATION

▪

SYNTAX:- free

```
(hackerrana@kali)-[~]  
$ free
```

	total	used	free	shared	buff/cache	avai
lable						
Mem:	3537360	1609356	802544	28768	1422608	19
28004						
Swap:	999420	0	999420			



LSCPU: THIS COMMAND IS USED FOR DISPLAY CPU INFORMATION.

SYNTAX:- lscpu

```
(hackerrana@kali)-[~]  
$ lscpu  
Architecture:          x86_64  
CPU op-mode(s):        32-bit, 64-bit  
Address sizes:          48 bits physical, 48 bits virtual  
Byte Order:            Little Endian  
CPU(s):                 4  
On-line CPU(s) list:   0-3  
Vendor ID:              AuthenticAMD  
Model name:             AMD Ryzen 7 5800HS with Radeon Graphics  
CPU family:             25  
Model:                  80  
Thread(s) per core:     1  
Core(s) per socket:     4  
Socket(s):              1  
Stepping:               0  
BogoMIPS:               6387.83  
Flags:                  fpu vme de pse tsc msr pae mce cx8 apic sep mtrr p  
ge mca cmov pat pse36 clflush mmx fxsr sse sse2 ht  
syscall nx mmxext fxsr_opt rdtscp lm constant_tsc  
rep_good nopl nonstop_tsc cpuid extd_apicid tsc_k  
nown_freq pni pclmulqdq ssse3 cx16 sse4_1 sse4_2 m  
ovbe popcnt aes rdrand hypervisor lahf_lm cmp_lega  
cy cr8_legacy abm sse4a misalignsse 3dnowprefetch  
vmcall fsgsbase bmi1 bmi2 invpcid rdseed clflusho
```



FIND: THIS COMMAND IS USED SEARCH FOR FILES AND DIRECTORIES.

SYNTAX:- find

```
(hackerrana@kali)-[~]  
$ find  
.  
./Templates  
./.zshrc  
./.sudo_as_admin_successful  
./ONLINE.txt  
./.local  
./.local/state  
./.local/state/wireplumber  
./.local/state/wireplumber/restore-stream  
./.local/state/wireplumber/default-routes  
./local/share  
./local/share/icc  
./local/share/nautilus  
./local/share/nautilus/scripts  
./local/share/nautilus/scripts/Terminal  
./local/share/ristretto  
./local/share/nano
```



LOGNAME : THIS COMMAND IS USED
FOR PRINT CURRENT LOGIN NAME.

SYNTAX:- logname

```
(hackerrana@kali)-[~]  
$ logname  
hackerrana
```



NETSTAT: THIS COMMAND IS USED FOR NETWORKING INFORMATION.

SYNTAX:- netstat

```
(hackerrana@kali)-[~]
$ netstat
Active Internet connections (w/o servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State
udp        896      0 10.81.3.186:34475       49.45.0.4:domain       ESTABLISHED
udp        0         0 10.81.3.186:bootpc     10.0.0.172:bootps      ESTABLISHED
Active UNIX domain sockets (w/o servers)
Proto RefCnt Flags   Type       State         I-Node    Path
unix   3      [ ]     STREAM    CONNECTED    6881       /run/user/1000/b
us
unix   3      [ ]     DGRAM     CONNECTED    411022
unix   2      [ ]     DGRAM     CONNECTED    6761
unix   3      [ ]     STREAM    CONNECTED    10453
unix   3      [ ]     STREAM    CONNECTED    9205
unix   3      [ ]     STREAM    CONNECTED    8805
unix   3      [ ]     STREAM    CONNECTED    8962       /run/user/1000/a
t-spi/bus_0
unix   3      [ ]     STREAM    CONNECTED    14510
unix   3      [ ]     STREAM    CONNECTED    11870
unix   3      [ ]     STREAM    CONNECTED    8052
unix   3      [ ]     STREAM    CONNECTED    9028
unix   3      [ ]     STREAM    CONNECTED    9858
unix   3      [ ]     SEQPACKET CONNECTED    10877
unix   3      [ ]     STREAM    CONNECTED    10326     /run/dbus/system
_bus_socket
```



LOOK: DISPLAY LINES BEGINNING WITH A GIVEN STRING .

SYNTAX:- look command_name

```
(hackerrana@kali)~  
$ look dir  
dire  
direct  
directed  
directer  
directest  
directing  
direction  
directional  
direction's  
directions  
directive  
directive's  
directives  
directly  
directness  
directness's  
director  
directorate  
directorate's  
directorates  
directorial  
directories  
director's  
directors
```



HASH: REMEMBER THE FULL PATHNAME OF A NAME ARGUMENT.

SYNTAX:- hash

```
(hackerrana@kali)-[~]  
$ hash  
1password2john=/usr/bin/1password2john  
2to3-2.7=/usr/bin/2to3-2.7  
7z=/usr/bin/7z  
7z2john=/usr/bin/7z2john  
7za=/usr/bin/7za  
7zr=/usr/bin/7zr  
DPAPImk2john=/usr/bin/DPAPImk2john  
FileCheck-14=/usr/bin/FileCheck-14  
FileCheck-15=/usr/bin/FileCheck-15  
FileCheck-16=/usr/bin/FileCheck-16  
GET=/usr/bin/GET  
GenPat=/usr/bin/GenPat  
HEAD=/usr/bin/HEAD  
JxrDecApp=/usr/bin/JxrDecApp  
JxrEncApp=/usr/bin/JxrEncApp  
ModemManager=/usr/sbin/ModemManager  
NetworkManager=/usr/sbin/NetworkManager  
POST=/usr/bin/POST  
SIPdump=/usr/sbin/SIPdump  
Thunar=/usr/bin/Thunar  
UnicodeNameMappingGenerator-15=/usr/bin/UnicodeNameMappingGenerator-15  
UnicodeNameMappingGenerator-16=/usr/bin/UnicodeNameMappingGenerator-16  
VBoxClient=/usr/bin/VBoxClient
```



TYPE: IT IS USED FOR DESCRIBE A COMMAND.

SYNTAX:- type command_name

```
(hackerrana@kali)-[~]  
$ type cat  
cat is /usr/bin/cat
```

```
(hackerrana@kali)-[~]  
$ type cd  
cd is a shell builtin
```



SHUTDOWN: SHUTDOWN OR RESTART LINUX.

SYNTAX:- shutdown.

```
(hackerrana@kali)-[~]
```

```
$ shutdown
```

```
Shutdown scheduled for Fri 2024-05-03 01:40:43 IST, use 'shutdown -c' to cancel.
```



THANK YOU

