

Intern Name : Riya Kadam

Intern ID : 2044

Kali Linux – Command Line Essentials

- **Kali Linux –**

Kali Linux is a Debian-based open-source Linux distribution specially designed for cybersecurity professionals and ethical hackers. Developed and maintained by Offensive Security, Kali Linux is one of the most popular platforms for ethical hacking and information security training.

- **Command Line Essentials –**

1. **pwd** – Used to display current working directory.

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

2. **ls** – Used to list the directories and files in the current directory.

```
(riyaa@kali)-[~]  
$ ls  
Desktop Documents Downloads Music Pictures Public Templates Videos
```

3. **cd** – Used to change the current working directory.

```
(riyaa@kali)-[~]  
$ cd Documents  
  
(riyaa@kali)-[~/Documents]  
$ ls  
file1
```

4. **mkdir** – Used to create a new directory.

```
(riyaa@kali)-[~]  
$ mkdir dir1  
  
(riyaa@kali)-[~]  
$ ls  
Desktop Documents Music Public Videos  
dir1 Downloads Pictures Templates
```

5. **rmdir** – Used to remove directory.

```
(riyaa@kali)-[~]
$ rmdir dir1

(riyaa@kali)-[~]
$ ls
Desktop  Documents  Downloads  Music  Pictures  Public  Templates  Videos
```

6. **mv source** – Used to move a file.

```
(riyaa@kali)-[~/dir1]
$ mv filename.txt document/

(riyaa@kali)-[~/dir1]
$ ls document
filename.txt
```

7. **cp source destination** – Used to copy a file.

```
(riyaa@kali)-[~/dir1]
$ ls
document  file1

(riyaa@kali)-[~/dir1]
$ cp file1 document/

(riyaa@kali)-[~/dir1]
$ ls
document  file1

(riyaa@kali)-[~/dir1]
$ ls documents/
ls: cannot access 'documents/': No such file or directory

(riyaa@kali)-[~/dir1]
$ ls document/
file1  filename.txt
```

8. **touch filename** – Used to create a new file.

```
(riyaa@kali)-[~]
$ ls
Desktop  Documents  Music  Public  Videos
dir      Downloads  Pictures  Templates

(riyaa@kali)-[~]
$ cd dir

(riyaa@kali)-[~/dir]
$ touch filename

(riyaa@kali)-[~/dir]
$ ls
filename
```

9. **man ls** – Used to display manual of a command.

```

LS(1)                                User Commands                                LS(1)

NAME
  ls - list directory contents

SYNOPSIS
  ls [OPTION]... [FILE]...

DESCRIPTION
  List information about the FILES (the current directory by default).
  Sort entries alphabetically if none of -cftuvSUX nor --sort is speci-
  fied.

  Mandatory arguments to long options are mandatory for short options
  too.

-a, --all
  do not ignore entries starting with .

-A, --almost-all
  do not list implied . and ..

--author
  with -l, print the author of each file

-b, --escape
  print C-style escapes for nongraphic characters

--block-size=SIZE
  with -l, scale sizes by SIZE when printing them; e.g.,
  '--block-size=M'; see SIZE format below

-B, --ignore-backups
  do not list implied entries ending with ~

-c
  with -lt: sort by, and show, ctime (time of last change of
  file status information); with -l: show ctime and sort by
  name; otherwise: sort by ctime, newest first

```

10. **ping google.com** – Used to check the internet connection or to check whether the host is active or not.

```

(riyaa@kali)-[~]
$ ping google.com
PING google.com (142.250.207.142) 56(84) bytes of data:
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=1 ttl=25
5 time=1136 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=1 ttl=25
5 time=1136 ms (DUP!)
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=3 ttl=25
5 time=721 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=4 ttl=25
5 time=1779 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=4 ttl=25
5 time=1780 ms (DUP!)
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=5 ttl=25
5 time=1345 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=6 ttl=25
5 time=1551 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=7 ttl=255 time=1653 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=8 ttl=255 time=1794 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=12 ttl=255 time=1717 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=12 ttl=255 time=1717 ms (DUP!)
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=12 ttl=255 time=1717 ms (DUP!)
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=12 ttl=255 time=1717 ms (DUP!)
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=14 ttl=255 time=810 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=15 ttl=255 time=1186 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=15 ttl=255 time=1186 ms (DUP!)
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=17 ttl=255 time=593 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=18 ttl=255 time=723 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=19 ttl=255 time=934 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=20 ttl=255 time=857 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=22 ttl=255 time=770 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=22 ttl=255 time=770 ms (DUP!)
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=23 ttl=255 time=886 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=24 ttl=255 time=1057 ms
64 bytes from pnbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=24 ttl=255 time=1057 ms (DUP!)

```

11. **ifconfig** – Used to display network interface details.

```

(riyaa@kali)-[~]
$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet6 2401:4900:52b2:b4f4:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e4:e718:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e5:d1a2:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e7:3e39:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e5:fb09:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e7:52d5:66fc:8984:462b:99dc prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e5:cd6b:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e7:4b3e:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e7:2751:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e7:379b:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 fe80::a00:27ff:fe57:684f prefixlen 64 scopeid 0<link>
    inet6 2401:4900:79e7:2de6:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e7:52d5:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e7:4fb4:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79f9:f4cc:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e7:b7b:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:52b2:b4f4:945f:683d:6d64:cb68 prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e7:48d3:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    inet6 2401:4900:79e5:c829:a00:27ff:fe57:684f prefixlen 64 scopeid 0<global>
    ether 08:00:27:57:68:4f txqueuelen 1000 (Ethernet)
    RX packets 545405 bytes 786681696 (750.2 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 125695 bytes 9904784 (9.4 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 47 bytes 7798 (7.6 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 47 bytes 7798 (7.6 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

```

12. wget link_to_file – Used to download a file.

```

(riyaa@kali)-[~]
$ wget https://www.wikipedia.org
--2025-12-30 21:45:15-- https://www.wikipedia.org/
Resolving www.wikipedia.org (www.wikipedia.org)... 103.102.166.224, 2001:df2:e500:ed1a::1
Connecting to www.wikipedia.org (www.wikipedia.org)|103.102.166.224|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 157021 (153K) [text/html]
Saving to: 'index.html'

index.html      100%[=====>] 153.34K  42.6KB/s   in 3.6s

2025-12-30 21:45:25 (42.6 KB/s) - 'index.html' saved [157021/157021]

```

13. sudo apt install netcat – Used to install a package

```

(riyaa@kali)-[~]
$ sudo apt install netcat-traditional
netcat-traditional is already the newest version (1.10-50.1).
Summary:
  Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 756

```

14. sudo apt remove netcat - Used to remove a package

```

(riyaa@kali)-[~]
$ sudo apt remove netcat-traditional
The following packages were automatically installed and are no longer required:
dnsmap      libsm2-6      python3-git      python3-pyfiglet      python3-tld
figlet      medusa        python3-gitdb    python3-pyshodan      python3-wapiti-ar
finger      python3-aiocache      python3-httpx-ntlm      python3-qasync      python3-wapiti-sw
imagemagick python3-aiomcache      python3-jeepney      python3-serial-asyncio      python3-yaswfp
imagemagick-7.q16 python3-browser-cookie3      python3-pyexploitdb      python3-smmap      rsh-redone-client

Use 'sudo apt autoremove' to remove them.

REMOVING:
kali-linux-core kali-linux-default kali-linux-headless legion netcat-traditional

Summary:
  Upgrading: 0, Installing: 0, Removing: 5, Not Upgrading: 752
  Freed space: 3,794 kB

Continue? [Y/n] y
(Reading database ... 422038 files and directories currently installed.)
Removing kali-linux-default (2025.4.11) ...
Removing kali-linux-headless (2025.4.11) ...

```


15. **sudo apt upgrade** – Used to upgrade packages in the system.

```
(riyaa@ kali) [~]
$ sudo apt upgrade

The following packages were automatically installed and are no longer required:
  dnsmap          libavformat61    libwscale8       python3-git       python3-pyshodan  python3-wapiti-swagger  unicornscan
  figlet          libconfig-inifiles-perl  medusa           python3-gitdb     python3-qasync    python3-yaswfp          urlscan
  finger         libpocketsphinx3  pocketsphinx-en-us  python3-httpx-ntlm  python3-serial-asyncio  rsh-redone-client       wapiti
  imagemagick     libpostproc58     python3-aioacache  python3-jeepney   python3-smmapi     smtp-user-enum          sparta-scripts
  imagemagick-7.q16  libbmb2-6         python3-aiomcache  python3-jeepney   python3-tld        toilet-fonts
  libavfilter10    libspinxbase3t64  python3-browser-cookie3  python3-pyfiglet  python3-wapiti-arsenic

Use 'sudo apt autoremove' to remove them.

Upgrading:
  alsa-ucm-conf          libctf0          libquadmath0      python3-cups
  amd64-microcode       libcups2t64      librav1e0.8       python3-dbus
  apparmor              libcurl3t64-gnutils  libre2-11         python3-dev
  at-sp12-common         libcurl4t64      librpm-sequoia-1  python3-django
  at-sp12-core           libdatrie1       librpm10          python3-ephem
  binutils              libdb5.3t64      librpmbuild10    python3-faraday-plugins
  binutils-common       libdnf1          librpmio10       python3-fonttools
  binutils-mingw-w64-1686  libde265-0      librpsign10      python3-frozenlist
  binutils-mingw-w64-x86-64  libdebconfclient0  librsvg2-2       python3-gdal
  binutils-x86-64-linux-gnu  libdl2          librsvg2-common  python3-gevent
  burpsuite             libdouble-conversion3  libSDL2-2.0-0   python3-gi
  cadaver               libdrm-amdgpu1    libSDL2-classic  python3-gi-cairo
  certipy-ad            libdrm-common     libSDL2-image-2.0-0  python3-greenlet
  chromium              libdrm-intel1     libSDL2-mixer-2.0-0  python3-gssapi
  chromium-common       libdrm-nouveau2  libSDL2-ttf-2.0-0   python3-gvm
  chromium-sandbox      libdrm-radeon1    libSDL3-0          python3-html5lib
  clang-18              libdrm2           libseccomp2        python3-ipwhois
  clang-19              libdvdnv4         libselinux1        python3-jq
  clang-tools-19        libdvdread8t64    libsemanage2       python3-jsonschema-specifications
  commerr-dev           libebackend-1.2-11t64  libsfame2          python3-kiwisolver
  commix               libebook-1.2-21t64  libslang2          python3-kombu
  console-setup         libebook-contacts-1.2-4t64  libsmblclient0    python3-ldb
  console-setup-linux  libedata-book-1.2-27t64  libsmi2t64        python3-louis
```

16. **sudo apt update** – Used to fetch the packages updates.

```
(riyaa@kali)-[~]
$ sudo apt update
Hit:1 http://http.kali.org/kali kali-rolling InRelease
752 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

17. **whoami** – Used to get the current username.

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

18. **sudo su** – Used to change the current user to superuser or root.

```
(riyaa@kali)-[~]  
$ sudo su  
(root@kali)-[/home/riyaa]  
#
```

19. **echo** – used to print text on the terminal.

```
(riyaa@kali)-[~/dir1]
$ echo "kali linux is a debain based open source"
kali linux is a debain based open source
```

20. **cat filename** – Displays file content.

```
(riyaa@kali)-[~/dir]
$ echo "kali linux" > filename

(riyaa@kali)-[~/dir]
$ cat filename
kali linux
```

21. ip a – Displays IP address information.

```
(riyaa@kali)-[~]
$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
   link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
   inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
   inet6 ::1/128 scope host noprefixroute
       valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
   link/ether 08:00:27:57:68:4f brd ff:ff:ff:ff:ff:ff
   inet6 2401:4900:52b2:b4f4:945f:683d:6d64:cb68/64 scope global temporary dynamic
       valid_lft 6894sec preferred_lft 6894sec
   inet6 2401:4900:52b2:b4f4:a00:27ff:fe57:684f/64 scope global dynamic mngtmpaddr noprefixroute
       valid_lft 6894sec preferred_lft 6894sec
   inet6 2401:4900:79f9:f4cc:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 4668sec preferred_lft 0sec
   inet6 2401:4900:79e4:e718:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 4706sec preferred_lft 0sec
   inet6 2401:4900:79e5:c829:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5102sec preferred_lft 0sec
   inet6 2401:4900:79e5:cd6b:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5112sec preferred_lft 0sec
   inet6 2401:4900:79e5:d1a2:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5128sec preferred_lft 0sec
   inet6 2401:4900:79e5:fb09:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5205sec preferred_lft 0sec
   inet6 2401:4900:79e7:b7b:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5705sec preferred_lft 0sec
   inet6 2401:4900:79e7:2751:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5745sec preferred_lft 0sec
   inet6 2401:4900:79e7:2de6:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5769sec preferred_lft 0sec
   inet6 2401:4900:79e7:379b:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5774sec preferred_lft 0sec
   inet6 2401:4900:79e7:3e39:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5789sec preferred_lft 0sec
   inet6 2401:4900:79e7:48d3:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5807sec preferred_lft 0sec
   inet6 2401:4900:79e7:4b3e:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5814sec preferred_lft 0sec
   inet6 2401:4900:79e7:4fb4:a00:27ff:fe57:684f/64 scope global deprecated dynamic mngtmpaddr noprefixroute
       valid_lft 5819sec preferred_lft 0sec
```

22. ip route – Shows routing table.

```
(riyaa@kali)-[~]
$ ip route
default via 10.0.2.2 dev eth0 proto dhcp src 10.0.2.15 metric 100
10.0.2.0/24 dev eth0 proto kernel scope link src 10.0.2.15 metric 100
```

23. head filename – Displays first 10 lines of a file.

```
(riyaa@kali)-[~/dir]
$ cat > filename
1 linux operating system
2 kali linux
3 cyber security
4 ethical hacking
5 Malicious
6 operating system

(riyaa@kali)-[~/dir]
$ head -n 3 filename
1 linux operating system
2 kali linux
3 cyber security
```

24. **tail filename** – Displays last 10 lines of a file.

```
(riyaa@kali)~[~/dir]
$ tail -n 2 filename
5 Malicious
6 operating system
```

25. **traceroute domain** – Traces network path to a host.

```
(riyaa@kali)~[~]
$ traceroute google.com
traceroute to google.com (142.250.205.206), 30 hops max, 60 byte packets
 1  10.0.2.2 (10.0.2.2)  2.001 ms  1.883 ms  1.730 ms
 2  10.0.2.2 (10.0.2.2)  13.599 ms  13.139 ms  13.055 ms
```

26. **groups** – Shows groups the user belongs to.

```
(riyaa@kali)~[~]
$ groups
riyaa adm dialout cdrom floppy sudo audio dip video plugdev users netdev scanner bluetooth lpadmin wireshark vboxsf kaboxer
(riyaa@kali)~[~]
```

27. **passwd** – Changes user password.

```
(riyaa@kali)~[~/dir]
$ passwd
Changing password for riyaa.
Current password:
New password:
Retype new password:
passwd: password updated successfully
```

28. **uptime** – Shows system running time.

```
(riyaa@kali)~[~]
$ uptime
19:28:33 up 1:54, 1 user, load average: 0.02, 0.13, 0.23
(riyaa@kali)~[~]
```

29. **free -h** – Displays memory usage.

```
connect: Network is unreachable
(riyaa@kali)~[~]
$ free -h
              total        used        free      shared  buff/cache   available
Mem:           5.3Gi       969Mi       2.9Gi         10Mi        1.7Gi        4.4Gi
Swap:           1.3Gi           0B         1.3Gi
```

30. **history** – Shows previously used commands.

```

(riyaa@kali)-[~/dir]
$ history
1 sudo apt update && sudo apt upgrade -y
2 sudo apt update && sudo apt upgrade -y
3 cat /etc/os-release
4 pwd
5 ls
6 cd Desktop
7 ls
8 cat filename
9 pwd
10 ls
11 cd Documents
12 pwd
13 mkdir test1
14 ls
15 rmdir test1
16 mkdir file1
17 mv file1.txt Documents/
18 cd ~
19 ls
20 ip a
21 ip route
22 ping google.com
23 weget http://site.com
24 wget http://site.com
25 wget https://example.com/file.txt
26 sudo apt update
27 sudo apt upgrade
28 sudo apt update
29 sudo apt --upgradable
30 sudo apt list --upgradable
31 sudo apt list --upgradable
32 traceroute google.com
33 ls
34 cd dir
35 ls
36 cat > filename
37 head -n 3 filename
38 tail -n 2 filename
39 passwd

```

31. **uname -a** – Used to display system and kernel info.

```

(riyaa@kali)-[~/dir]
$ uname -a
Linux kali 6.16.8-kali-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.16.8-1kali1 (2025-09-24) x86_64 GNU/Linux

```

32. **tree** – used to displays directories and files in a tree structure

```

(riyaa@kali)-[~]
$ tree
.
├── Desktop
├── dir
│   └── filename.gz
├── Documents
├── Downloads
├── Music
├── Pictures
├── Public
├── Templates
└── Videos

10 directories, 1 file

```

33. **gzip filename** – Compresses a file.

```

(riyaa@kali)-[~/dir]
$ gzip filename

```

34. **nano filename** – Opens file in nano editor


```
Session Actions Edit View Help
GNU nano 8.6
hello
linuxx
```

35. **awk '{print \$1}' file** – Pattern scanning & processing

```
(riyaa@kali)-[~/dir]
$ cat > file
Abc 24 developer
Bob 29 Designer

(riyaa@kali)-[~/dir]
$ awk '{print $1}' file
Abc
Bob

(riyaa@kali)-[~/dir]
$ awk '{print $2}' file
24
29
```

36. **wc filename** – Counts lines, words, characters.

```
(riyaa@kali)-[~/dir]
$ wc file
2 6 33 file
```

37. **gunzip filename.gz** – Decompresses a file.

```
(riyaa@kali)-[~/dir]
$ gunzip filename.gz
```

38. **df -h** – Displays available disk space on the system.

```
(riyaa@kali)-[~]
$ df -h
Filesystem      Size  Used Avail Use% Mounted on
udev            2.6G   0    2.6G   0% /dev
tmpfs           546M  996K  545M   1% /run
/dev/sda1       24G   16G   6.5G  71% /
tmpfs           2.7G  4.0K   2.7G   1% /dev/shm
none            1.0M   0    1.0M   0% /run/credentials/systemd-journald.service
tmpfs           2.7G  1.8M   2.7G   1% /tmp
none            1.0M   0    1.0M   0% /run/credentials/getty@tty1.service
tmpfs           546M  104K  546M   1% /run/user/1000
```

39. **clear** – Clears the terminal screen.

```
(riyaa@kali)-[~]
$
```