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## **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 pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=1 ttl=25
5 time=1136 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=1 ttl=25
5 time=1136 ms (DUP!)
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=3 ttl=25
5 time=721 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=4 ttl=25
5 time=1779 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=4 ttl=25
5 time=1780 ms (DUP!)
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=5 ttl=25
5 time=1345 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=6 ttl=25
5 time=1551 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=7 ttl=255 time=1653 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=8 ttl=255 time=1794 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=12 ttl=255 time=1717 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=12 ttl=255 time=1717 ms (DUP!)
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=12 ttl=255 time=1717 ms (DUP!)
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=14 ttl=255 time=810 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=15 ttl=255 time=1186 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=15 ttl=255 time=1186 ms (DUP!)
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=17 ttl=255 time=593 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=18 ttl=255 time=723 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=19 ttl=255 time=934 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=20 ttl=255 time=857 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=22 ttl=255 time=770 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=22 ttl=255 time=770 ms (DUP!)
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=23 ttl=255 time=886 ms
64 bytes from pbomb-bb-in-f14.1e100.net (142.250.207.142): icmp_seq=24 ttl=255 time=1057 ms
64 bytes from pbomb-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 0x0<global>
        inet6 2401:4900:79e4:e718:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e5:d1a2:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e7:3e39:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e5:fb09:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e7:52d5:66fc:8984:462b:99dc prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e5:cd6b:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e7:4b3e:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e7:2751:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 fe80::a00:27ff:fe57:684f prefixlen 64 scopeid 0x20<link>
        inet6 2401:4900:79e7:2de6:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e7:52d5:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e7:4fb4:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79f9:f4cc:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e7:b7b:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:52b2:b4f4:945f:683d:6d64:c68 prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e7:48d3:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<global>
        inet6 2401:4900:79e5:c829:a00:27ff:fe57:684f prefixlen 64 scopeid 0x0<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 0x10<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                                              [ <=> ] 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 intsall 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          libsmib2-6           python3-git      python3-pyfiglet      python3-tld
  figlet          medusa            python3-gitdb     python3-pyshodan     python3-wapiti-ars
  finger          python3-aiocache    python3-httplib-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-smmmap    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: 756
  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      libbswscale8      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-htpx-ntlm  python3-serial-asyncio  rsh-redone-client  wapiti
imagemagick     libpostproc58     python3-aiocache   python3-jeepney   python3-smap       smtp-user-enum
imagemagick-7.q16 libsmb2-6        python3-aiomcache  python3-pyexploitdb python3-tld       sparta-scripts
libavfilter10    libspinhixbase3t64 python3-browser-cookie3 python3-pyfiglet   python3-wapiti-arsenic toilet-fonts
Use 'sudo apt autoremove' to remove them.

Upgrading:
alsa-ucm-conf      libctf0          libquadmath0      python3-cups
amd64-microcode    libcurl3t64      libravie0.8      python3-dbus
apparmor          libcurl3t64-gnutls libre2-11         python3-dev
at-sp12-common     libcurl4t64      librpm-sequoia-1 python3-django
at-sp12-core       libdatrie1       librpm10         python3-ephem
binutils           libdb5.3t64      librpbmbuild10   python3-faraday-plugins
binutils-common    libdbconfl1     librpbrio10      python3-fonttools
binutils-mingw-w64 libde265-0       librpbmsign10   python3-frozenlist
binutils-mingw-w64-x86-64 libdebconfclient0 librsv2-2        python3-gdal
binutils-x86-64-linux-gnu libdlt2          librsv2-common  python3-gevent
burpsuite          libdouble-conversion3 libsd12-2.0-0     python3-glib
cadaver            libdrm-amdgpu1   libsd12-classic  python3-glib-cairo
certipy-ad          libdrm-common    libsd12-image-2.0-0 python3-greenlet
chromium           libdrm-intel1   libsd12-mixer-2.0-0 python3-gssapi
chromium-common   libdrm-nouveau2 libsd12-tiff-2.0-0 python3-gvm
chromium-sandbox  libdrm-radeon1  libsd13-0        python3-html5lib
clang-18            libdrm2          libseccomp2     python3-ipwhois
clang-19            libdvdmav4      libselinux1     python3-jq
clang-tools-19     libdvread8t64   libsemanage2    python3-jsonschema-specifications
comerr-dev          libebabckend-1.2-11t64 libframe2       python3-kiwisolver
commix             libebook-1.2-21t64  libslang2       python3-kombu
console-setup      libebook-contacts-1.2-4t64 libsmclient0   python3-lldb
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:c68/64 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
└──(riyaa㉿kali)-[~]
```

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 wget 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 6.16.8-1kalii (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
helllo
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   0M  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   0M  1.0M  0% /run/credentials/systemd-journald.service
tmpfs           2.7G  1.8M  2.7G  1% /tmp
none            1.0M   0M  1.0M  0% /run/credentials/getty@tty1.service
tmpfs           546M  104K  546M  1% /run/user/1000
```

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

```
(riyaa㉿kali)-[~]
└─$
```