

1. Date Command

```
(kali㉿kali)-[~/Desktop]
$ date
Tue May  2 02:12:15 PM IST 2023
```

2. Cal Command

```
(kali㉿kali)-[~]
$ cal
May > < 2023 >
Sun Mon Tue Wed Thu Fri Sat
  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  1  2  3
 4  5  6  7  8  9 10
```

3. Cd Command

```
(kali㉿kali)-[~]
$ cd Desktop
(kali㉿kali)-[~/Desktop]
$ ls
Files  firefox  keyboard.png  key.png
```

4. cp Command

```
(kali㉿kali)-[~]
$ cd Desktop
(kali㉿kali)-[~/Desktop]
$ ls
Files  firefox  keyboard.png  key.png
(kali㉿kali)-[~/Desktop]
$ cp key.png files
```

5. whoami Command

```
(kali㉿kali)-[~]  
$ whoami  
kali  
  
(kali㉿kali)-[~]  
$ whoami  
kali      tty7      2021-10-08 08:39 (:0)
```

6. Ls Command

```
(kali㉿kali)-[~]  
$ ls -al  
total 148  
drwxr-xr-x 15 kali kali 4096 Oct  8 08:43 .  
drwxr-xr-x  3 root root 4096 May 30 18:01 ..  
-rw-r--r--  1 kali kali   1 Jun  1 01:59 .bash_history  
-rw-r--r--  1 kali kali  220 May 30 18:01 .bash_logout  
-rw-r--r--  1 kali kali 5349 May 30 18:01 .bashrc  
-rw-r--r--  1 kali kali 3526 May 30 18:01 .bashrc.original  
drwxr-xr-x 11 kali kali 4096 Oct  8 08:40 .cache  
drwx----- 11 kali kali 4096 Sep 17 12:51 .config  
drwxr-xr-x  2 kali kali 4096 May 31 03:35 Desktop  
-rw-r--r--  1 kali kali   55 May 31 17:33 .dmrc  
drwxr-xr-x  2 kali kali 4096 May 31 03:35 Documents  
drwxr-xr-x  2 kali kali 4096 May 31 03:35 Downloads  
-rw-r--r--  1 kali kali 11759 May 30 18:01 .face  
lrwxrwxrwx  1 kali kali    5 May 30 18:01 .face.icon → .face  
drwx-----  3 kali kali 4096 May 31 03:35 .gnupg  
-rw-----  1 kali kali    0 May 31 03:35 .ICEauthority  
drwxr-xr-x  3 kali kali 4096 May 31 03:35 .local  
drwx-----  5 kali kali 4096 Aug  8 06:02 .mozilla  
drwxr-xr-x  2 kali kali 4096 May 31 03:35 Music  
drwxr-xr-x  2 kali kali 4096 Oct  8 08:41 Pictures  
-rw-r--r--  1 kali kali  807 May 30 18:01 .profile  
drwxr-xr-x  2 kali kali 4096 May 31 03:35 Public  
drwxr-xr-x  2 kali kali 4096 May 31 03:35 Templates  
-rw-r-----  1 kali kali    4 Oct  8 08:39 .vboxclient-draganddrop.pid  
-rw-r-----  1 kali kali    4 Oct  8 08:39 .vboxclient-seamless.pid  
drwxr-xr-x  2 kali kali 4096 May 31 03:35 Videos  
-rw-----  1 kali kali   49 Oct  8 08:39 .Xauthority  
-rw-----  1 kali kali 6947 Oct  8 08:43 .xsession-errors
```

7. Cat Command

```
(kali㉿kali)-[~]  
$ echo "Welcome to JavaTpoint" > file.text  
  
(kali㉿kali)-[~]  
$ cat file.text  
Welcome to JavaTpoint
```

8. mkdir Command

```
(kali㉿kali)-[~]  
$ cd Documents  
(kali㉿kali)-[~/Documents]  
$ mkdir Penetration testing  
(kali㉿kali)-[~/Documents]  
$ ls  
Kali Linux Penetration testing
```

9. rm Command

```
(kali㉿kali)-[~]  
$ cd Desktop  
(kali㉿kali)-[~/Desktop]  
$ cd Files  
(kali㉿kali)-[~/Desktop/Files]  
$ ls  
image1.png java.png pics.png picture.png pp.png screen.png  
(kali㉿kali)-[~/Desktop/Files]  
$ rm pics.png  
(kali㉿kali)-[~/Desktop/Files]  
$ ls  
image1.png java.png picture.png pp.png screen.png
```

10. mv Command

```
(kali㉿kali)-[~]  
$ cd Desktop  
(kali㉿kali)-[~/Desktop]  
$ ls  
files Files firebox keyboard.png  
(kali㉿kali)-[~/Desktop]  
$ mv keyboard.png Files  
(kali㉿kali)-[~/Desktop]  
$ cd Files  
(kali㉿kali)-[~/Desktop/Files]  
$ ls  
image1.png java.png keyboard.png key.png picture.png pp.png screen.png
```

11. uname Command

```
(kali㉿kali)-[~]  
$ uname  
Linux  
  
(kali㉿kali)-[~]  
$ uname -a  
Linux kali 5.10.0-kali7-686-pae #1 SMP Debian 5.10.28-1kali1 (2021-04-12) i686 GNU/Linux  
  
(kali㉿kali)-[~]  
$ users  
kali
```

12. uptime Command

```
(kali㉿kali)-[~]  
$ uptime  
09:34:53 up 57 min, 1 user, load average: 0.29, 0.18, 0.16
```

13. users Command

```
(kali㉿kali)-[~]  
$ users  
kali
```

14. less Command

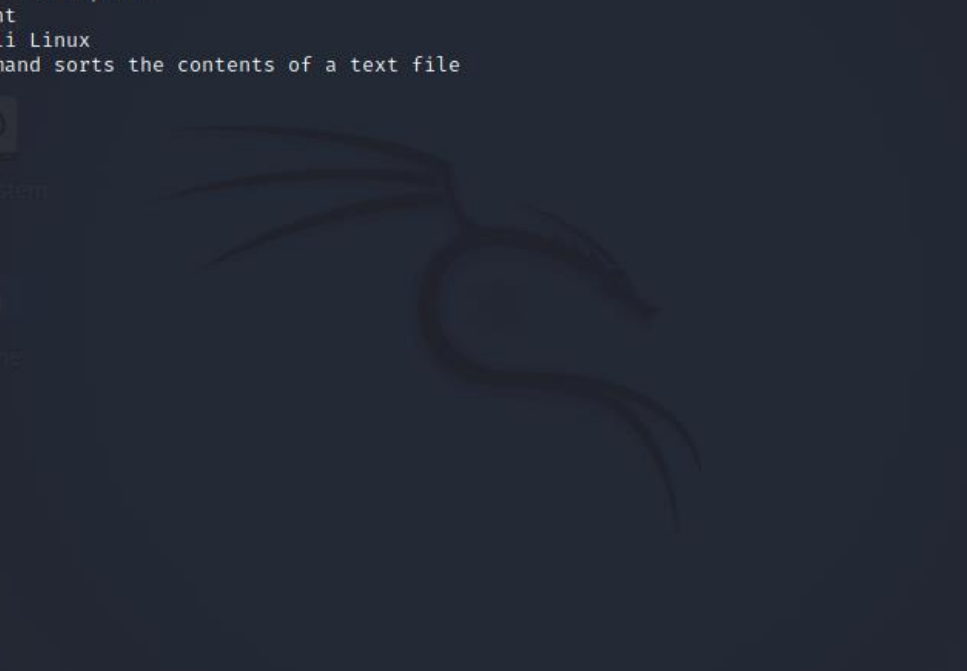
```
File Actions Edit View Help
root:x:0:0:root:/root:/usr/bin/zsh
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
_apt:x:100:65534::/nonexistent:/usr/sbin/nologin
systemd-timesync:x:101:101:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
systemd-network:x:102:103:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:103:104:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
mysql:x:104:110:MySQL Server,,,:/nonexistent:/bin/false
tss:x:105:111:TPM software stack,,,:/var/lib/tpm:/bin/false
strongswan:x:106:65534::/var/lib/strongswan:/usr/sbin/nologin
ntp:x:107:112::/nonexistent:/usr/sbin/nologin
messagebus:x:108:113::/nonexistent:/usr/sbin/nologin
redsocks:x:109:114::/var/run/redsocks:/usr/sbin/nologin
rwhod:x:110:65534::/var/spool/rwho:/usr/sbin/nologin
iodine:x:111:65534::/run/iodine:/usr/sbin/nologin
/etc/passwd
```

15. more Command

```
(kali@kali)-[~]
$ more /etc/passwd
root:x:0:0:root:/root:/usr/bin/zsh
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
_apt:x:100:65534::/nonexistent:/usr/sbin/nologin
systemd-timesync:x:101:101:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
systemd-network:x:102:103:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:103:104:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
mysql:x:104:110:MySQL Server,,,:/nonexistent:/bin/false
tss:x:105:111:TPM software stack,,,:/var/lib/tpm:/bin/false
strongswan:x:106:65534::/var/lib/strongswan:/usr/sbin/nologin
ntp:x:107:112::/nonexistent:/usr/sbin/nologin
messagebus:x:108:113::/nonexistent:/usr/sbin/nologin
redsocks:x:109:114::/var/run/redsocks:/usr/sbin/nologin
rwhod:x:110:65534::/var/spool/rwho:/usr/sbin/nologin
```

16. vi Command

```
File Actions Edit View Help
(kali㉿kali)-[~]
$ vi file.txt
```



The screenshot shows a Kali Linux desktop environment. A terminal window is open in the foreground, displaying the following text:

```
File Actions Edit View Help
Welcome to JavaTpoint
JavaTpoint
Learn Kali Linux
Sort command sorts the contents of a text file
```

The desktop background features a Kali Linux dragon logo. On the left side, there is a sidebar with icons for 'File System' and 'Home'. The bottom status bar shows the file path '"file.txt" 4L, 97B' on the left, the cursor position '1,1' in the center, and the text 'All' on the right.

17. free Command

```
(kali㉿kali)-[~]
$ free
             total        used        free      shared  buff/cache   available
Mem:      1957812       335056       1085592         7148       537164       1396964
Swap:      998396           0         998396

(kali㉿kali)-[~]
$ free -t
             total        used        free      shared  buff/cache   available
Mem:      1957812       333268       1087372         7148       537172       1398760
Swap:      998396           0         998396
Total:    2956208       333268       2085768
```

18. sort Command

```
(kali㉿kali)-[~]
$ sort file.text
Java
JavaTpoint
Kali Linux
Kali Linux Operating System
Linux
Welcome to JavaTpoint

(kali㉿kali)-[~]
$ sort -r file.text
Welcome to JavaTpoint
Linux
Kali Linux Operating System
Kali Linux
JavaTpoint
Java
```

19. history Command

```
(kali㉿kali)-[~]  
$ history  
1  
2  airmon-ng  
3  air  
4  airmon-ng start [root]  
5  sudo airmon-ng  
6  sudo ip link set IFACE down  
7  ifconfig  
8  sudo apt-get install kali-linux-wireless  
9  iwconfig  
10 air  
11 ifconfig  
12 sudo iw dev  
13 lsb_release -a  
14 clear  
15 cat /etc/os-release  
16 clear  
17 hostnamectl  
18 clear  
19 hostnamectl 1  
20 hostnamectl  
21 clear  
22 hostnamectl  
23 iwconfig  
24 sudo iw dev  
25 sudo update  
26 timedatectl  
27 timedatectl list-timezones  
28 timedatectl
```

20. Pwd Command

```
(kali㉿kali)-[~]  
$ pwd  
/home/kali  
  
(kali㉿kali)-[~]  
$ cd Desktop  
  
(kali㉿kali)-[~/Desktop]  
$ pwd  
/home/kali/Desktop  
  
(kali㉿kali)-[~/Desktop]  
$
```