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# Commands →



1. CUT → **Cut** command is use to displays only the columns from m to n of the file.

Syntax → `cut <m> <n> filename`

```
root@Kali: ~/Desktop/Radhey
File Actions Edit View Help
root@Kali: ~/Desktop/Radhey
root@Kali:~/Desktop/Radhey# cat sed
My name is kali.
i am a hacker
my name is root.
i am also a hacker
kali = root
name2 btytey name2 as name2root@Kali:~/Desktop/Radhey# cut -d " " -f 1 sed
My
i
my
i
kali
name2
root@Kali:~/Desktop/Radhey#
```

**2.UNIQUE** → Unique command is use to suppress the duplicate line.

**Syntax** → `uniq <filename>`

```
File Actions Edit View Help
root@Kali: ~/Desktop/Radhey x
root@Kali:~/Desktop/Radhey# uniq ram
ram
rina
laxman
studenat
rrina
kali
student
ram
class
root@Kali:~/Desktop/Radhey#
```

**3.CHMOD** → Chmod command is use to file permissions read to **write and read** and vice versa change.

**Syntax** → `chmod`

```
root@Kali: ~/Desktop
File Actions Edit View Help
root@Kali: ~/Desktop x
root@Kali:~/Desktop/Radhey# chmod +x bjp
root@Kali:~/Desktop/Radhey# cd ..
root@Kali:~/Desktop# chmod 755 Radhey/
root@Kali:~/Desktop#
```

**4.DIFF** → Diff command is use to checks whether two files are **same or different**.

**Syntax** → diff <dile1> <file2>

```
root@Kali: ~/Desktop/Radhey
File Actions Edit View Help
root@Kali: ~/Desktop/Radhey
root@Kali:~/Desktop/Radhey# ls
bjp glal glau new os2 os3 Pandit ppppp ram repeat repeat2 sed sp
root@Kali:~/Desktop/Radhey# diff repeat repeat2
1,5c1
< laxman
< student
< raheyg
< shaym
< girl
---
> 123
7a4,5
> dIRDIR5
> girl
9,18c7,10
< 123
< dIRDIR512
< 56
< 7894
< 23647899
< 211
< 2
< 3
< Man
< OP
\ No newline at end of file
---
> laxman
> raheyg
> shaym
> student
root@Kali:~/Desktop/Radhey#
```

**5.DU** → Du command is use for lists **the disk usage** of the given file.

**Syntax** → du <filename>

```
root@Kali: ~/Desktop
File Actions Edit View Help
root@Kali: ~/Desktop
root@Kali:~/Desktop# cd Radhey/
root@Kali:~/Desktop/Radhey# du bjp
4      bjp
root@Kali:~/Desktop/Radhey# cd ..
root@Kali:~/Desktop# du Radhey/
52     Radhey/
root@Kali:~/Desktop#
```

**6.HISTORY** → **History** command is use to lists commands you have **done recently**.

**Syntax** → history

```
1831 cat repeat2
1832 cat gla
1833 cat glau
1834 cat sed
1835 cat sp
1836 cat ram
1837 cat > ram
1838 uniq ram
1839 clear
1840 uniq ram
1841 clear
1842 chmod +x bjp
1843 chmod bjp
1844 man chmod
1845 clear
1846 chmod +x bjp
1847 cd ..
1848 chmod 755 Radhey/
1849 clear
1850 cd Radhey/
1851 du bjp
1852 cd ..
1853 du Radhey/
1854 ls
1855 cd Radhey/
1856 ls
1857 cat repeat
1858 cat repeat2
1859 clear
1860 ls
1861 diff repeat repeat2
1862 clear
1863 history
root@Kali:~/Desktop/Radhey#
```



7.LAS**t** → Last command is use to finds out who has recently logged in and out on your server.

Syntax → last

```
root@Kali:~/Desktop/Radhey# last
root      tty7          :0                Tue Aug  4 10:38    still logged in
reboot    system boot  5.3.0-kali2-amd6 Tue Aug  4 10:15    still running
root      tty7          :0                Tue Aug  4 02:40 - 03:48 (01:08)
reboot    system boot  5.3.0-kali2-amd6 Tue Aug  4 02:39 - 03:48 (01:09)
root      tty7          :0                Sat Aug  1 03:38 - 04:36 (00:57)
reboot    system boot  5.3.0-kali2-amd6 Sat Aug  1 03:31 - 04:37 (01:05)
root      tty7          :0                Tue Jul 28 11:37 - 12:27 (00:50)
reboot    system boot  5.3.0-kali2-amd6 Tue Jul 28 11:36 - 12:28 (00:51)
root      tty7          :0                Tue Jul 28 02:40 - 03:25 (00:44)
reboot    system boot  5.3.0-kali2-amd6 Tue Jul 28 02:39 - 03:25 (00:46)
root      tty7          :0                Sat Jul 25 03:36 - 04:18 (00:41)
reboot    system boot  5.3.0-kali2-amd6 Sat Jul 25 03:36 - 04:18 (00:42)
root      tty7          :0                Fri Jul 24 23:44 - 00:00 (00:15)
reboot    system boot  5.3.0-kali2-amd6 Fri Jul 24 23:44 - 00:00 (00:16)
root      tty7          :0                Wed Jul 22 00:48 - 01:03 (00:14)
reboot    system boot  5.3.0-kali2-amd6 Wed Jul 22 00:48 - 01:03 (00:15)
root      tty7          :0                Tue Jul 21 02:34 - 03:22 (00:47)
reboot    system boot  5.3.0-kali2-amd6 Tue Jul 21 02:34 - 03:22 (00:48)
root      tty7          :0                Mon Jul 20 00:25 - 00:30 (00:04)
reboot    system boot  5.3.0-kali2-amd6 Mon Jul 20 00:24 - 00:30 (00:05)
root      tty7          :0                Sun Jul 19 01:07 - 01:52 (00:45)
reboot    system boot  5.3.0-kali2-amd6 Sun Jul 19 01:06 - 01:52 (00:46)
root      tty7          :0                Sat Jul 18 03:36 - 04:17 (00:40)
reboot    system boot  5.3.0-kali2-amd6 Sat Jul 18 03:35 - 04:17 (00:41)
root      tty7          :0                Thu Jul 16 23:56 - 00:34 (00:37)
reboot    system boot  5.3.0-kali2-amd6 Thu Jul 16 23:51 - 00:34 (00:42)
root      tty7          :0                Thu Jul 16 08:30 - 09:21 (00:50)
reboot    system boot  5.3.0-kali2-amd6 Thu Jul 16 08:29 - 09:21 (00:51)
root      tty7          :0                Tue Jul 14 02:48 - 03:28 (00:39)
reboot    system boot  5.3.0-kali2-amd6 Tue Jul 14 02:46 - 03:28 (00:42)
root      tty7          :0                Sun Jul 12 03:49 - 04:56 (01:07)
reboot    system boot  5.3.0-kali2-amd6 Sun Jul 12 03:48 - 04:56 (01:08)
root      tty7          :0                Sat Jul 11 03:38 - 04:19 (00:41)
```

**8.SORT** → **Sort** command is use for sorts the contents of the file **alphabetically ,numerically and etc.**

**Syntax** → `sort < filename>`

```
root@Kali: ~/Desktop/Radhey
File Actions Edit View Help
root@Kali: ~/Desktop/Radhey ✕
root@Kali:~/Desktop/Radhey# sort sort
1
12
123
5
796
hack
kali
kumar
laxamn
Root
root@Kali:~/Desktop/Radhey# sort -n sort
hack
kali
kumar
laxamn
Root
1
5
12
123
796
root@Kali:~/Desktop/Radhey# sort -r sort
Root
laxamn
kumar
kali
hack
796
5
123
12
1
root@Kali:~/Desktop/Radhey#
```

**9.SED** → Sed command is use to **replace** the text in a file.

**Syntax** → sed "s/wordname/wordname/"  
filename.txt

```
root@Kali: ~/Desktop/Radhey
File Actions Edit View Help
root@Kali: ~/Desktop/Radhey x
root@Kali:~/Desktop/Radhey# cat sed
My name is kali.
i am a hacker
my name is root.
i am also a hacker
kali = root
name2 btytey name2 as name2root@Kali:~/Desktop/Radhey# sed 's/name/NAME/' sed
My NAME is kali.
i am a hacker
my NAME is root.
i am also a hacker
kali = root
NAME2 btytey name2 as name2root@Kali:~/Desktop/Radhey#
```

**10.GREP** → Grep command is use to Find which lines in a file contain a certain **word**.

**Syntax** → grep "word name" filename

```
root@Kali: ~/Desktop/Radhey
File Actions Edit View Help
root@Kali: ~/Desktop/Radhey x
root@Kali:~/Desktop/Radhey# cat sed
My name is kali.
i am a hacker
my name is root.
i am also a hacker
kali = root
name2 btytey name2 as name2root@Kali:~/Desktop/Radhey# grep "name" sed
My name is kali.
my name is root.
name2 btytey name2 as name2
root@Kali:~/Desktop/Radhey#
```



**OS 2nd Assignment**