

**1. Use "mkdir"
command to
create
Directories**

```
Activities Terminal जलदरी 30 09:18
puranjan@puranjan-VirtualBox: ~
puranjan@puranjan-VirtualBox:~$ mkdir a
puranjan@puranjan-VirtualBox:~$ mkdir b c
puranjan@puranjan-VirtualBox:~$ mkdir -p d/e
puranjan@puranjan-VirtualBox:~$ mkdir -p w/{x,y,z}
puranjan@puranjan-VirtualBox:~$ tree
bash: /usr/bin/tree: No such file or directory
puranjan@puranjan-VirtualBox:~$ sudo apt-get update
[sudo] password for puranjan:
Get:1 http://security.ubuntu.com/ubuntu focal-security InRelease [109 kB]
Hit:2 http://np.archive.ubuntu.com/ubuntu focal InRelease
Get:3 http://np.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:4 http://np.archive.ubuntu.com/ubuntu focal-backports InRelease [101 kB]
Get:5 http://np.archive.ubuntu.com/ubuntu focal-updates/main i386 Packages [415
kB]
Get:6 http://np.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [79
5 kB]
Get:7 http://np.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages
[736 kB]
Get:8 http://np.archive.ubuntu.com/ubuntu focal-updates/universe i386 Packages
[546 kB]
Fetched 2,816 kB in 10s (284 kB/s)
Reading package lists... Done
puranjan@puranjan-VirtualBox:~$ sudo apt install tree
Reading package lists... Done
Building dependency tree
Reading state information... Done
```

```
Activities Terminal जलदरी 30 09:19
puranjan@puranjan-VirtualBox: ~
tree
0 upgraded, 1 newly installed, 0 to remove and 294 not upgraded.
Need to get 43.0 kB of archives.
After this operation, 115 kB of additional disk space will be used.
Get:1 http://np.archive.ubuntu.com/ubuntu focal/universe amd64 tree amd64 1.8.0-1 [43.0 kB]
Fetched 43.0 kB in 1s (58.6 kB/s)
Selecting previously unselected package tree.
(Reading database ... 159030 files and directories currently installed.)
Preparing to unpack .../tree_1.8.0-1_amd64.deb ...
Unpacking tree (1.8.0-1) ...
Setting up tree (1.8.0-1) ...
Processing triggers for man-db (2.9.1-1) ...
puranjan@puranjan-VirtualBox:~$
puranjan@puranjan-VirtualBox:~$ tree
.
├── a
├── b
├── c
├── d
│   └── e
├── w
│   ├── x
│   ├── y
│   └── z
└──
```

9 directories, 0 files
puranjan@puranjan-VirtualBox:~\$

**2. Use "cd"
command
to change
Directories**

```
Activities Terminal जलपरी 30 09:21
puranjan@puranjan-VirtualBox: ~
-1 [43.0 kB]
Fetched 43.0 kB in 1s (58.6 kB/s)
Selecting previously unselected package tree.
(Reading database ... 159030 files and directories currently installed.)
Preparing to unpack .../tree_1.8.0-1_amd64.deb ...
Unpacking tree (1.8.0-1) ...
Setting up tree (1.8.0-1) ...
Processing triggers for man-db (2.9.1-1) ...

puranjan@puranjan-VirtualBox:~$
puranjan@puranjan-VirtualBox:~$ tree
.
├── a
├── b
├── c
├── d
│   └── e
└── w
    ├── x
    ├── y
    └── z

9 directories, 0 files
puranjan@puranjan-VirtualBox:~$ cd a
puranjan@puranjan-VirtualBox:~/a$ cd ..
puranjan@puranjan-VirtualBox:~$ cd d/e/
puranjan@puranjan-VirtualBox:~/d/e$ cd ..
puranjan@puranjan-VirtualBox:~/d$ cd
puranjan@puranjan-VirtualBox:~$
```

**3. Use "rm and
rmdir"
command to
remove Files
and Directories**

```
Activities Terminal जलदरी 30 09:22
puranjan@puranjan-VirtualBox: ~
puranjan@puranjan-VirtualBox:~/d$ cd
puranjan@puranjan-VirtualBox:~$ rmdir a
puranjan@puranjan-VirtualBox:~$ tree
.
├── b
├── c
├── d
│   └── e
├── w
│   ├── x
│   ├── y
│   └── z
└── ?

8 directories, 0 files
puranjan@puranjan-VirtualBox:~$ rmdir d
rmdir: failed to remove 'd': Directory not empty
puranjan@puranjan-VirtualBox:~$ rmdir d/e
puranjan@puranjan-VirtualBox:~$ tree
.
├── b
├── c
├── d
│   └── w
│       ├── x
│       ├── y
│       └── z
└── ?

7 directories, 0 files
puranjan@puranjan-VirtualBox:~$
```

```
Activities Terminal जलदरी 30 09:23
puranjan@puranjan-VirtualBox: ~
├── w
│   ├── x
│   ├── y
│   └── z
8 directories, 0 files
puranjan@puranjan-VirtualBox:~$ rmdir d
rmdir: failed to remove 'd': Directory not empty
puranjan@puranjan-VirtualBox:~$ rmdir d/e
puranjan@puranjan-VirtualBox:~$ tree
.
├── b
├── c
├── d
├── w
│   ├── x
│   ├── y
│   └── z
7 directories, 0 files
puranjan@puranjan-VirtualBox:~$ rmdir d
puranjan@puranjan-VirtualBox:~$ rm -r w/
puranjan@puranjan-VirtualBox:~$ tree
.
├── b
└── c
2 directories, 0 files
puranjan@puranjan-VirtualBox:~$
```


4. Use "printf"
and "echo"
command to
print any
messages

```
Activities Terminal जनवरी 30 09:25
puranjan@puranjan-VirtualBox: ~
puranjan@puranjan-VirtualBox:~$ rmdir w/e
puranjan@puranjan-VirtualBox:~$ tree
.
├── b
├── c
├── d
└── w
    ├── x
    ├── y
    └── z

7 directories, 0 files
puranjan@puranjan-VirtualBox:~$ rmdir d
puranjan@puranjan-VirtualBox:~$ rm -r w/
puranjan@puranjan-VirtualBox:~$ tree
.
├── b
└── c

2 directories, 0 files
puranjan@puranjan-VirtualBox:~$ printf "Hello world"
Hello worldpuranjan@puranjan-VirtualBox:~$ printf "Hello world\n"
Hello world
puranjan@puranjan-VirtualBox:~$ echo hello world
hello world
puranjan@puranjan-VirtualBox:~$ printf "Hello world\n I am fine\n"
Hello world
I am fine
puranjan@puranjan-VirtualBox:~$
```

```
Activities  Terminal  जनवरी 30 09:27
puranjan@puranjan-VirtualBox: ~
1.0x
├── b
└── c
2 directories, 0 files
puranjan@puranjan-VirtualBox:~$ printf "Hello world"
Hello world
puranjan@puranjan-VirtualBox:~$ printf "Hello world\n"
Hello world
puranjan@puranjan-VirtualBox:~$ echo hello world
hello world
puranjan@puranjan-VirtualBox:~$ printf "Hello world\n I am fine\n"
Hello world
I am fine
puranjan@puranjan-VirtualBox:~$ pwd
/home/puranjan
puranjan@puranjan-VirtualBox:~$ tree
├── b
└── c
2 directories, 0 files
puranjan@puranjan-VirtualBox:~$ cd b
puranjan@puranjan-VirtualBox:~/b$ pwd
/home/puranjan/b
puranjan@puranjan-VirtualBox:~/b$ ls
puranjan@puranjan-VirtualBox:~/b$ cd
puranjan@puranjan-VirtualBox:~$ ls
b c
puranjan@puranjan-VirtualBox:~$
```

```
Activities Terminal 30 09:29
puranjan@puranjan-VirtualBox: ~
puranjan@puranjan-VirtualBox:~$ printf "Hello world\n I am fine\n"
Hello world
I am fine
puranjan@puranjan-VirtualBox:~$ pwd
/home/puranjan
puranjan@puranjan-VirtualBox:~$ tree
.
├── b
└── c
2 directories, 0 files
puranjan@puranjan-VirtualBox:~$ cd b
puranjan@puranjan-VirtualBox:~/b$ pwd
/home/puranjan/b
puranjan@puranjan-VirtualBox:~/b$ ls
puranjan@puranjan-VirtualBox:~/b$ cd
puranjan@puranjan-VirtualBox:~$ ls
b c
puranjan@puranjan-VirtualBox:~$ touch file1
puranjan@puranjan-VirtualBox:~$ ls
b c file1
puranjan@puranjan-VirtualBox:~$ ls -l
total 8
drwxrwxr-x 2 puranjan puranjan 4096 जनवरी 30 09:06 b
drwxrwxr-x 2 puranjan puranjan 4096 जनवरी 30 09:06 c
-rw-rw-r-- 1 puranjan puranjan 0 जनवरी 30 09:27 file1
puranjan@puranjan-VirtualBox:~$ cat>file2
My name is puranjan
puranjan@puranjan-VirtualBox:~$
```

```
Activities  Terminal  जनवरी 30 09:30
puranjan@puranjan-VirtualBox: ~
├─ b
└─ c

2 directories, 0 files
puranjan@puranjan-VirtualBox:~$ cd b
puranjan@puranjan-VirtualBox:~/b$ pwd
/home/puranjan/b
puranjan@puranjan-VirtualBox:~/b$ ls
puranjan@puranjan-VirtualBox:~/b$ cd
puranjan@puranjan-VirtualBox:~$ ls
b c
puranjan@puranjan-VirtualBox:~$ touch file1
puranjan@puranjan-VirtualBox:~$ ls
b c file1
puranjan@puranjan-VirtualBox:~$ ls -l
total 8
drwxrwxr-x 2 puranjan puranjan 4096 जनवरी 30 09:06 b
drwxrwxr-x 2 puranjan puranjan 4096 जनवरी 30 09:06 c
-rw-rw-r-- 1 puranjan puranjan 0 जनवरी 30 09:27 file1
puranjan@puranjan-VirtualBox:~$ cat>file2
My name is puranjan
puranjan@puranjan-VirtualBox:~$ cat file2
My name is puranjan
puranjan@puranjan-VirtualBox:~$ cat>>file2
i live in my own apartment.
puranjan@puranjan-VirtualBox:~$ cat file2
My name is puranjan
i live in my own apartment.
puranjan@puranjan-VirtualBox:~$
```

Activities

Terminal ▾

फरवरी 3 22:50



puranjan@puranjan-VirtualBox: ~



puranjan@puranjan-VirtualBox: ~\$



1. Copy (cp)



2. Move (mv)



3. Different varieties of ls commands



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Activities

Terminal

फरवरी 3 22:51



puranjan@puranjan-VirtualBox: ~



```
puranjan@puranjan-VirtualBox:~$ mkdir level1 level2 level3
puranjan@puranjan-VirtualBox:~$ cd level1
puranjan@puranjan-VirtualBox:~/level1$ touch file1
puranjan@puranjan-VirtualBox:~/level1$ cd
puranjan@puranjan-VirtualBox:~$ cp level1/file1 level2/
puranjan@puranjan-VirtualBox:~$ tree
```

```
.
├── level1
│   └── file1
├── level2
│   └── file1
└── level3
```

3 directories, 2 files

```
puranjan@puranjan-VirtualBox:~$
```

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2. Use ls commands to list the files and folder with additional information


```
puranjan@puranjan-VirtualBox:~/level1$ cd  
puranjan@puranjan-VirtualBox:~$ cp level1/file1 level2/  
puranjan@puranjan-VirtualBox:~$ tree
```

```
.  
├── level1  
│   └── file1  
├── level2  
│   └── file1  
└── level3
```

```
3 directories, 2 files
```

```
puranjan@puranjan-VirtualBox:~$ ls  
level1 level2 level3
```

```
puranjan@puranjan-VirtualBox:~$ ls -a  
.  
..  
.bash_history .bash_logout .bashrc .cache .config .gnupg .level1 .level2 .level3 .local .profile .ssh .sudo_as_admin_successful
```

```
puranjan@puranjan-VirtualBox:~$ ls -l  
total 12  
drwxrwxr-x 2 puranjan puranjan 4096 फ़रवरी 3 22:50 level1  
drwxrwxr-x 2 puranjan puranjan 4096 फ़रवरी 3 22:51 level2  
drwxrwxr-x 2 puranjan puranjan 4096 फ़रवरी 3 22:50 level3  
puranjan@puranjan-VirtualBox:~$
```



```
..          .bashrc          .gnupg          level3          .ssh  
.bash_history .cache          level1          .local          .sudo_as_admin_successful
```

```
puranjan@puranjan-VirtualBox:~$ ls -l
```

```
total 12
```

```
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:50 level1  
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:51 level2  
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:50 level3
```

```
puranjan@puranjan-VirtualBox:~$ ls -al
```

```
total 56
```

```
drwxr-xr-x 10 puranjan puranjan 4096 फरवरी 3 22:50 .  
drwxr-xr-x 3 root root 4096 जनवरी 29 21:28 ..  
-rw----- 1 puranjan puranjan 1642 फरवरी 3 22:44 .bash_history  
-rw-r--r-- 1 puranjan puranjan 220 जनवरी 29 21:28 .bash_logout  
-rw-r--r-- 1 puranjan puranjan 3771 जनवरी 29 21:28 .bashrc  
drwx----- 10 puranjan puranjan 4096 जनवरी 29 22:32 .cache  
drwxr-xr-x 14 puranjan puranjan 4096 फरवरी 3 22:32 .config  
drwx----- 3 puranjan puranjan 4096 जनवरी 30 06:47 .gnupg  
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:50 level1  
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:51 level2  
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:50 level3  
drwxr-xr-x 3 puranjan puranjan 4096 जनवरी 29 22:28 .local  
-rw-r--r-- 1 puranjan puranjan 807 जनवरी 29 21:28 .profile  
drwx----- 2 puranjan puranjan 4096 जनवरी 29 22:33 .ssh  
-rw-r--r-- 1 puranjan puranjan 0 जनवरी 30 06:49 .sudo_as_admin_successful  
puranjan@puranjan-VirtualBox:~$
```



```
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:50 level1
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:51 level2
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:50 level3
drwxr-xr-x 3 puranjan puranjan 4096 जनवरी 29 22:28 .local
-rw-r--r-- 1 puranjan puranjan 807 जनवरी 29 21:28 .profile
drwx----- 2 puranjan puranjan 4096 जनवरी 29 22:33 .ssh
-rw-r--r-- 1 puranjan puranjan 0 जनवरी 30 06:49 .sudo_as_admin_successful
puranjan@puranjan-VirtualBox:~$ ls -Rl
.:
total 12
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:50 level1
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:51 level2
drwxrwxr-x 2 puranjan puranjan 4096 फरवरी 3 22:50 level3

./level1:
total 0
-rw-rw-r-- 1 puranjan puranjan 0 फरवरी 3 22:50 file1

./level2:
total 0
-rw-rw-r-- 1 puranjan puranjan 0 फरवरी 3 22:51 file1

./level3:
total 0
puranjan@puranjan-VirtualBox:~$
```

3. Use mv command to move the files from one location to another location



```
./level1:
total 0
-rw-rw-r-- 1 puranjan puranjan 0 फरवरी  3 22:50 file1

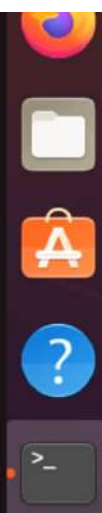
./level2:
total 0
-rw-rw-r-- 1 puranjan puranjan 0 फरवरी  3 22:51 file1

./level3:
total 0
puranjan@puranjan-VirtualBox:~$ mv level1/file1 level3/
puranjan@puranjan-VirtualBox:~$ tree
.
├── level1
├── level2
│   └── file1
└── level3
    └── file1

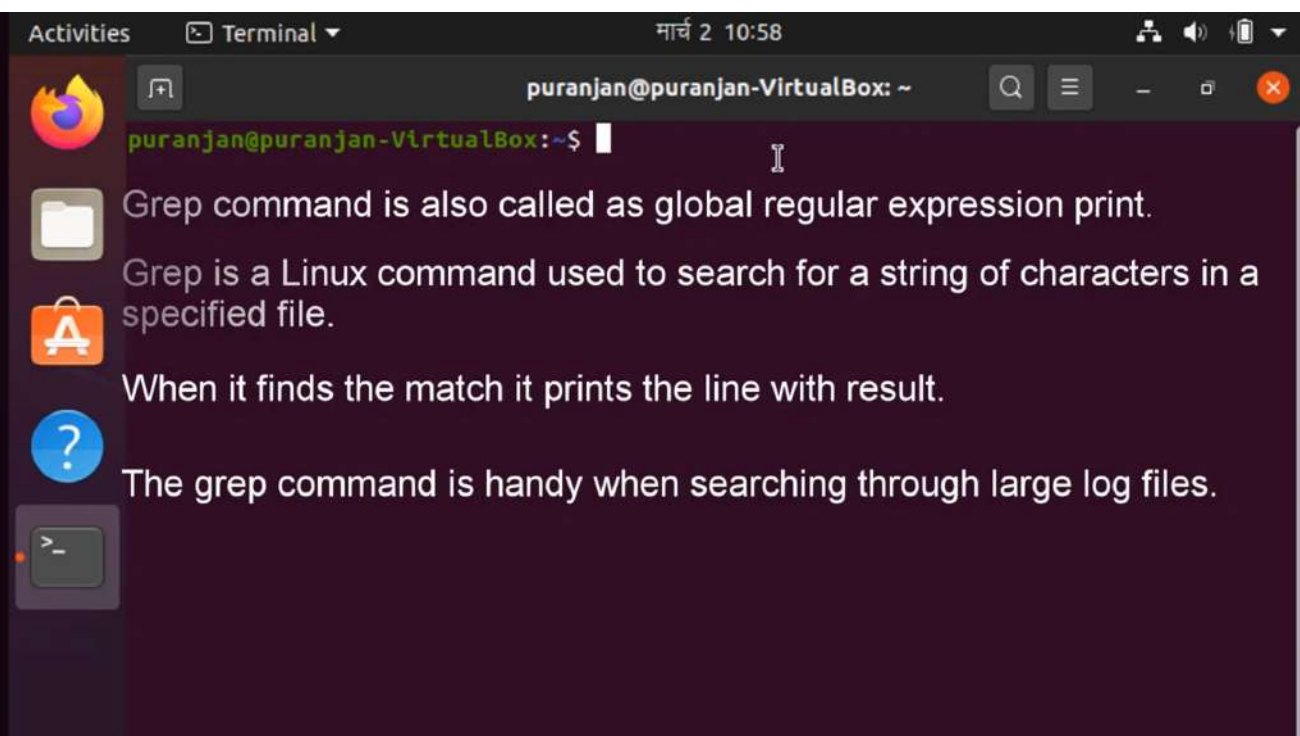
3 directories, 2 files
puranjan@puranjan-VirtualBox:~$ cd level3
puranjan@puranjan-VirtualBox:~/level3$ mv file1 file3
puranjan@puranjan-VirtualBox:~/level3$ ls
file3
puranjan@puranjan-VirtualBox:~/level3$
```



4. Use "chmod" command for changing linux file and directory permission



```
puranjan@puranjan-VirtualBox:~/level3$ ls -al
total 8
drwxrwxr-x  2 puranjan puranjan 4096 फरवरी  3 22:55 .
drwxr-xr-x 10 puranjan puranjan 4096 फरवरी  3 22:50 ..
-rw-rw-r--  1 puranjan puranjan   0 फरवरी  3 22:50 file3
puranjan@puranjan-VirtualBox:~/level3$ chmod ugo+rw file3
puranjan@puranjan-VirtualBox:~/level3$ ls -al
total 8
drwxrwxr-x  2 puranjan puranjan 4096 फरवरी  3 22:55 .
drwxr-xr-x 10 puranjan puranjan 4096 फरवरी  3 22:50 ..
-rwxrwxrwx  1 puranjan puranjan   0 फरवरी  3 22:50 file3
puranjan@puranjan-VirtualBox:~/level3$ chmod 000 file3
puranjan@puranjan-VirtualBox:~/level3$ ls -al
total 8
drwxrwxr-x  2 puranjan puranjan 4096 फरवरी  3 22:55 .
drwxr-xr-x 10 puranjan puranjan 4096 फरवरी  3 22:50 ..
-----  1 puranjan puranjan   0 फरवरी  3 22:50 file3
puranjan@puranjan-VirtualBox:~/level3$ chmod 600 file3
puranjan@puranjan-VirtualBox:~/level3$ ls -al
total 8
drwxrwxr-x  2 puranjan puranjan 4096 फरवरी  3 22:55 .
drwxr-xr-x 10 puranjan puranjan 4096 फरवरी  3 22:50 ..
-rw-----  1 puranjan puranjan   0 फरवरी  3 22:50 file3
puranjan@puranjan-VirtualBox:~/level3$
```



Activities

Terminal ▾

मार्च 2 11:00



puranjan@puranjan-VirtualBox: ~



```
puranjan@puranjan-VirtualBox:~$ cat>testa
```

```
Kkll
```

```
Lllmm
```

```
oo-oo
```

```
mmdd
```

```
dddkk
```

```
puranjan@puranjan-VirtualBox:~$ cat>testb
```

```
KKKKK
```

```
LLLLL
```

```
MMMMM
```

```
DDDDD
```

```
puranjan@puranjan-VirtualBox:~$ grep ll testa
```

```
Kkll
```

```
Lllmm
```

```
puranjan@puranjan-VirtualBox:~$ grep -v ll testa
```

```
oo-oo
```

```
mmdd
```

```
dddkk
```

```
puranjan@puranjan-VirtualBox:~$
```

Subscribe

DDDDDD

puranjan@puranjan-VirtualBox:~\$ grep ll testa

Kkll

Lllmm

puranjan@puranjan-VirtualBox:~\$ grep -v ll testa

oo-oo

mmdd

ddkk

puranjan@puranjan-VirtualBox:~\$ grep -n ll testa

1:Kkll

2:Lllmm

puranjan@puranjan-VirtualBox:~\$ grep -l ll *

testa

puranjan@puranjan-VirtualBox:~\$ grep -i ll *

testa:Kkll

testa:Lllmm

testb:LLLLL

puranjan@puranjan-VirtualBox:~\$ grep -i LL *

testa:Kkll

testa:Lllmm

testb:LLLLL

puranjan@puranjan-VirtualBox:~\$ grep -c ll *

testa:2

testb:0

puranjan@puranjan-VirtualBox:~\$



```
puranjan@puranjan-VirtualBox:~$ grep -l ll *
testa
puranjan@puranjan-VirtualBox:~$ grep -i ll *
testa:Kkll
testa:Lllmm
testb:LLLLL
puranjan@puranjan-VirtualBox:~$ grep -i LL *
testa:Kkll
testa:Lllmm
testb:LLLLL
puranjan@puranjan-VirtualBox:~$ grep -c ll *
testa:2
testb:0
puranjan@puranjan-VirtualBox:~$ grep -n '^' testa
1:Kkll
2:Lllmm
3:oo-oo
4:mmdd
5:ddkk
puranjan@puranjan-VirtualBox:~$
```

Alias Command

On Linux, we use the same command again and again.

You can save time by using and creating aliases.

Alias is the process of assigning names to the lengthy command.



3:00-00
4:mmdd
5:ddkk



puranjan@puranjan-VirtualBox:~\$ ls -al

total 52

drwxr-xr-x	7	puranjan	puranjan	4096	मार्च	2	10:59	.
drwxr-xr-x	3	root	root	4096	जनवरी	29	21:28	..
-rw-----	1	puranjan	puranjan	2155	फरवरी	3	23:05	.bash_history
-rw-r--r--	1	puranjan	puranjan	220	जनवरी	29	21:28	.bash_logout
-rw-r--r--	1	puranjan	puranjan	3771	जनवरी	29	21:28	.bashrc
drwx-----	10	puranjan	puranjan	4096	जनवरी	29	22:32	.cache
drwxr-xr-x	14	puranjan	puranjan	4096	फरवरी	3	22:32	.config
drwx-----	3	puranjan	puranjan	4096	फरवरी	7	14:42	.gnupg
drwxr-xr-x	3	puranjan	puranjan	4096	जनवरी	29	22:28	.local
-rw-r--r--	1	puranjan	puranjan	807	जनवरी	29	21:28	.profile
drwx-----	2	puranjan	puranjan	4096	जनवरी	29	22:33	.ssh
-rw-r--r--	1	puranjan	puranjan	0	जनवरी	30	06:49	.sudo_as_admin
-rw-rw-r--	1	puranjan	puranjan	29	मार्च	2	10:59	testa
-rw-rw-r--	1	puranjan	puranjan	24	मार्च	2	10:59	testb

puranjan@puranjan-VirtualBox:~\$





4:mmdd

5:ddkk

puranjan@puranjan-VirtualBox:~\$ ls -al

total 52

drwxr-xr-x	7	puranjan	puranjan	4096	मार्च	2	10:59	.
drwxr-xr-x	3	root	root	4096	जनवरी	29	21:28	..
-rw-----	1	puranjan	puranjan	2155	फरवरी	3	23:05	.bash_history
-rw-r--r--	1	puranjan	puranjan	220	जनवरी	29	21:28	.bash_logout
-rw-r--r--	1	puranjan	puranjan	3771	जनवरी	29	21:28	.bashrc
drwx-----	10	puranjan	puranjan	4096	जनवरी	29	22:32	.cache
drwxr-xr-x	14	puranjan	puranjan	4096	फरवरी	3	22:32	.config
drwx-----	3	puranjan	puranjan	4096	फरवरी	7	14:42	.gnupg
drwxr-xr-x	3	puranjan	puranjan	4096	जनवरी	29	22:28	.local
-rw-r--r--	1	puranjan	puranjan	807	जनवरी	29	21:28	.profile
drwx-----	2	puranjan	puranjan	4096	जनवरी	29	22:33	.ssh
-rw-r--r--	1	puranjan	puranjan	0	जनवरी	30	06:49	.sudo_as_admin
-rw-rw-r--	1	puranjan	puranjan	29	मार्च	2	10:59	testa
-rw-rw-r--	1	puranjan	puranjan	24	मार्च	2	10:59	testb

puranjan@puranjan-VirtualBox:~\$ alias list="ls -al"

puranjan@puranjan-VirtualBox:~\$



Activities Terminal मार्च 2 11:05

puranjan@puranjan-VirtualBox: ~

```
puranjan@puranjan-VirtualBox:~$ list
```

Command 'list' not found, did you mean:

- command 'mist' from snap mist (master)
- command 'mlist' from deb mblaze (0.6-1)
- command 'hist' from deb loki (2.4.7.4-10)
- command 'flist' from deb mmh (0.4-2)
- command 'flist' from deb nmh (1.7.1-6)
- command 'lift' from deb lift (2.5.0-1)
- command 'dist' from deb mmh (0.4-2)
- command 'dist' from deb nmh (1.7.1-6)
- command 'last' from deb util-linux (2.34-0.1ubuntu9.1)
- command 'gist' from deb yorick (2.2.04+dfsg1-10)
- command 'klist' from deb heimdal-clients (7.7.0+dfsg-1ubuntu1)
- command 'klist' from deb krb5-user (1.17-6ubuntu4.1)

See 'snap info <snapname>' for additional versions.

```
puranjan@puranjan-VirtualBox:~$ nano .bashrc
```

Subscribe

Activities Terminal मार्च 2 11:06

puranjan@puranjan-VirtualBox: ~

GNU nano 4.8 .bashrc Modified

```
# Add an "alert" alias for long running commands. Use like so:
# sleep 10; alert
alias alert='notify-send --urgency=low -i "${[ $? = 0 ]} && echo terminal || ec>

# Alias definitions.
# You may want to put all your additions into a separate file like
# ~/.bash_aliases, instead of adding them here directly.
# See /usr/share/doc/bash-doc/examples in the bash-doc package.

if [ -f ~/.bash_aliases ]; then
    . ~/.bash_aliases
fi

# enable programmable completion features (you don't need to enable
# this, if it's already enabled in /etc/bash.bashrc and /etc/profile
# sources /etc/bash.bashrc).
if ! shopt -oq posix; then
    if [ -f /usr/share/bash-completion/bash_completion ]; then
        . /usr/share/bash-completion/bash_completion
    elif [ -f /etc/bash_completion ]; then
        . /etc/bash_completion
    fi
fi
alias list="ls -al"
```

Get Help Write Out Where Is Cut Text Justify
Exit Read File Replace Paste Text To Spell

Subscribe

Activities Terminal मार्च 2 11:06

puranjan@puranjan-VirtualBox: ~

```
command 'mlist' from deb mblaze (0.6-1)
command 'hist' from deb loki (2.4.7.4-10)
command 'flist' from deb mmh (0.4-2)
command 'flist' from deb nmh (1.7.1-6)
command 'lift' from deb lift (2.5.0-1)
command 'dist' from deb mmh (0.4-2)
command 'dist' from deb nmh (1.7.1-6)
command 'last' from deb util-linux (2.34-0.1ubuntu9.1)
command 'gist' from deb yorick (2.2.04+dfsg1-10)
command 'klist' from deb heimdal-clients (7.7.0+dfsg-1ubuntu1)
command 'klist' from deb krb5-user (1.17-6ubuntu4.1)

See 'snap info <snapname>' for additional versions.

puranjan@puranjan-VirtualBox:~$ nano .bashrc
puranjan@puranjan-VirtualBox:~$ . .bashrc
puranjan@puranjan-VirtualBox:~$ alias
alias alert='notify-send --urgency=low -i "${[ $? = 0 ]} && echo terminal || echo error" "$(history|tail -n1|sed -e '\''s/^s*[0-9]\+\s*//;s/[:&|]\s*alert$//'\''")'
alias egrep='egrep --color=auto'
alias fgrep='fgrep --color=auto'
alias grep='grep --color=auto'
alias l='ls -CF'
alias la='ls -A'
alias list='ls -al'
alias ll='ls -alf'
alias ls='ls --color=auto'
puranjan@puranjan-VirtualBox:~$
```

```
Activities Terminal 2 11:07
puranjan@puranjan-VirtualBox: ~
puranjan@puranjan-VirtualBox:~$ alias
alias alert='notify-send --urgency=low -i "${[ $? = 0 ]}&& echo terminal || echo error" "$(history|tail -n1|sed -e '\''s/^\s*[0-9]\+\s*//;s/[;&|]\s*alert$//'\''\`)'`'
alias egrep='egrep --color=auto'
alias fgrep='fgrep --color=auto'
alias grep='grep --color=auto'
alias l='ls -CF'
alias la='ls -A'
alias list='ls -al'
alias ll='ls -alf'
alias ls='ls --color=auto'
puranjan@puranjan-VirtualBox:~$ list
total 52
drwxr-xr-x 7 puranjan puranjan 4096 मा र्च 2 11:06 .
drwxr-xr-x 3 root root 4096 जनवरी 29 21:28 ..
-rw-r--r-- 1 puranjan puranjan 2496 मा र्च 2 11:04 .bash_history
-rw-r--r-- 1 puranjan puranjan 220 जनवरी 29 21:28 .bash_logout
-rw-r--r-- 1 puranjan puranjan 3791 मा र्च 2 11:06 .bashrc
drwx----- 10 puranjan puranjan 4096 जनवरी 29 22:32 .cache
drwxr-xr-x 14 puranjan puranjan 4096 फरवरी 3 22:32 .config
drwx----- 3 puranjan puranjan 4096 फरवरी 7 14:42 .gnupg
drwxr-xr-x 3 puranjan puranjan 4096 जनवरी 29 22:28 .local
-rw-r--r-- 1 puranjan puranjan 807 जनवरी 29 21:28 .profile
drwx----- 2 puranjan puranjan 4096 जनवरी 29 22:33 .ssh
-rw-r--r-- 1 puranjan puranjan 0 जनवरी 30 06:49 .sudo_as_admin_successful
-rw-rw-r-- 1 puranjan puranjan 29 मा र्च 2 10:59 testa
-rw-rw-r-- 1 puranjan puranjan 24 मा र्च 2 10:59 testb
puranjan@puranjan-VirtualBox:~$
```

```
Activities Terminal २ मार्च 11:07
puranjan@puranjan-VirtualBox: ~
puranjan@puranjan-VirtualBox:~$ ls -la
total 52
drwxr-xr-x 7 puranjan puranjan 4096 मार्च 2 11:06 .
drwxr-xr-x 3 root root 4096 जनवरी 29 21:28 ..
-rw-r--r-- 1 puranjan puranjan 2535 मार्च 2 11:07 .bash_history
-rw-r--r-- 1 puranjan puranjan 220 जनवरी 29 21:28 .bash_logout
-rw-r--r-- 1 puranjan puranjan 3791 मार्च 2 11:06 .bashrc
drwxr-xr-x 10 puranjan puranjan 4096 जनवरी 29 22:32 .cache
drwxr-xr-x 14 puranjan puranjan 4096 फरवरी 3 22:32 .config
drwxr-xr-x 3 puranjan puranjan 4096 फरवरी 7 14:42 .gnupg
drwxr-xr-x 3 puranjan puranjan 4096 जनवरी 29 22:28 .local
-rw-r--r-- 1 puranjan puranjan 807 जनवरी 29 21:28 .profile
drwxr-xr-x 2 puranjan puranjan 4096 जनवरी 29 22:33 .ssh
-rw-r--r-- 1 puranjan puranjan 0 जनवरी 30 06:49 .sudo_as_admin_successful
-rw-rw-r-- 1 puranjan puranjan 29 मार्च 2 10:59 testa
-rw-rw-r-- 1 puranjan puranjan 24 मार्च 2 10:59 testb
puranjan@puranjan-VirtualBox:~$ unalias list
puranjan@puranjan-VirtualBox:~$ alias
alias alert='notify-send --urgency=low -i "${[ $? = 0 ]} && echo terminal || echo error" "$(history|tail -n1|sed -e '\''s/^\s*[0-9]\+\s*//;s/[;&|]\s*alert$//'\''\
\)'\"'
alias egrep='egrep --color=auto'
alias fgrep='fgrep --color=auto'
alias grep='grep --color=auto'
alias l='ls -CF'
alias la='ls -A'
alias ll='ls -alf'
alias ls='ls --color=auto'
puranjan@puranjan-VirtualBox:~$
```