

Name-Nishu Raj

Roll no- 23/SCA/BCA(DS&BDA)/021

BCA 3E

## Command: \$gzip

```
nishu-raj@nishu-raj-VirtualBox:~$ cd Desktop
nishu-raj@nishu-raj-VirtualBox:~/Desktop$ ls
binn
nishu-raj@nishu-raj-VirtualBox:~/Desktop$ cd binn
nishu-raj@nishu-raj-VirtualBox:~/Desktop/binn$ ls
binn.txt.save
nishu-raj@nishu-raj-VirtualBox:~/Desktop/binn$ gzip binn.txt.save
nishu-raj@nishu-raj-VirtualBox:~/Desktop/binn$ ls
binn.txt.save.gz
nishu-raj@nishu-raj-VirtualBox:~/Desktop/binn$
```

## Command :\$gunzip

```
nishu-raj@nishu-raj-VirtualBox:~/Desktop/binn$ ls
binn.txt.save.gz
nishu-raj@nishu-raj-VirtualBox:~/Desktop/binn$ gunzip binn.txt.save.gz
nishu-raj@nishu-raj-VirtualBox:~/Desktop/binn$ ls
binn.txt.save
nishu-raj@nishu-raj-VirtualBox:~/Desktop/binn$
```

# Command : \$mkdir

```
nishu-raj@nishu-raj-VirtualBox:~$ mkdir Ubuntu
nishu-raj@nishu-raj-VirtualBox:~$ ls
archive_name.tar  binn.txt.save  Cprograms  Desktop  Documents  Downloads  Music  Pictures  Public  snap  Song  Templates  Ubuntu  Videos
nishu-raj@nishu-raj-VirtualBox:~$ cd Ubuntu
nishu-raj@nishu-raj-VirtualBox:~/Ubuntu$
```

# Command : \$rmdir

```
nishu-raj@nishu-raj-VirtualBox:~$ cd Ubuntu
nishu-raj@nishu-raj-VirtualBox:~/Ubuntu$ cd..
cd..: command not found
nishu-raj@nishu-raj-VirtualBox:~/Ubuntu$ cd ..
nishu-raj@nishu-raj-VirtualBox:~$ rmdir Ubuntu
nishu-raj@nishu-raj-VirtualBox:~$ ls
archive_name.tar  binn.txt.save  Cprograms  Desktop  Documents  Downloads  Music  Pictures  Public  snap  Song  Templates  Videos
nishu-raj@nishu-raj-VirtualBox:~$
```

# Command : \$ls -l

```
nishu-raj@nishu-raj-VirtualBox:~$ ls -l
total 76
-rw-rw-r-- 1 nishu-raj nishu-raj 20480 Oct 10 09:08 archive_name.tar
-rw-rw-r-- 1 nishu-raj nishu-raj 10240 Oct 10 09:06 binn.txt.save
drwxrwxr-x 2 nishu-raj nishu-raj 4096 Sep  5 09:27 Cprograms
drwxr-xr-x 3 nishu-raj nishu-raj 4096 Oct 10 08:21 Desktop
drwxr-xr-x 2 nishu-raj nishu-raj 4096 Aug  7 20:08 Documents
d-----r-x 2 nishu-raj nishu-raj 4096 Aug  7 20:08 Downloads
d-----r-x 3 nishu-raj nishu-raj 4096 Aug 20 18:41 Music
drwxr-xr-x 2 nishu-raj nishu-raj 4096 Aug  7 20:08 Pictures
d-----r-x 2 nishu-raj nishu-raj 4096 Aug  7 20:08 Public
drwx----- 6 nishu-raj nishu-raj 4096 Aug 22 19:22 snap
-rw-rw-r-- 1 nishu-raj nishu-raj  26 Aug 29 09:06 Song
drwxr-xr-x 2 nishu-raj nishu-raj 4096 Aug  7 20:08 Templates
drwxr-xr-x 2 nishu-raj nishu-raj 4096 Aug  7 20:08 Videos
nishu-raj@nishu-raj-VirtualBox:~$
```

# Command : \$ls -R

```
nishu-raj@nishu-raj-VirtualBox:~$ ls -R
.:
archive_name.tar binn.txt.save Cprograms Desktop Documents Downloads Music Pictures Public snap Song Templates Videos

./Cprograms:

./Desktop:
binn

./Desktop/binn:
binn.txt.save

./Documents:
ls: cannot open directory './Downloads': Permission denied
ls: cannot open directory './Music': Permission denied

./Pictures:
ls: cannot open directory './Public': Permission denied

./snap:
firefox firmware-updater snapd-desktop-integration snap-store

./snap/firefox:
4698 common current

./snap/firefox/4698:

./snap/firefox/common:

./snap/firmware-updater:
127 common current

./snap/firmware-updater/127:

./snap/firmware-updater/common:

./snap/snapd-desktop-integration:
178 247 common current
```

# Command- \$tar -c

```
nishu-raj@nishu-raj-VirtualBox:~$ tar -c archive_name.tar
tar: Refusing to write archive contents to terminal (missing -f option?)
tar: Error is not recoverable: exiting now
nishu-raj@nishu-raj-VirtualBox:~$ ls
archive_name.tar binn.txt.save Cprograms Desktop Documents Downloads Music Pictures Public snap Song Templates Videos
nishu-raj@nishu-raj-VirtualBox:~$
```

# Command : \$tty

```
nishu-raj@nishu-raj-VirtualBox:~$ tty
/dev/pts/0
nishu-raj@nishu-raj-VirtualBox:~$
```

## Command : \$ls -xFR

```
nishu-raj@nishu-raj-VirtualBox:~$ ls -xFR
.:
archive_name.tar  binn.txt.save  Cprograms/  Desktop/  Documents/  Downloads/  Music/  Pictures/  Public/  snap/  Song  Templates/  Videos/

./Cprograms:

./Desktop:
binn/

./Desktop/binn:
binn.txt.save

./Documents:
ls: cannot open directory './Downloads': Permission denied
ls: cannot open directory './Music': Permission denied

./Pictures:
ls: cannot open directory './Public': Permission denied

./snap:
firefox/  firmware-updater/  snapd-desktop-integration/  snap-store/

./snap/firefox:
4698/  common/  current@

./snap/firefox/4698:

./snap/firefox/common:

./snap/firmware-updater:
127/  common/  current@

./snap/firmware-updater/127:

./snap/firmware-updater/common:
```

## Command : \$ll

```
nishu-raj@nishu-raj-VirtualBox:~$ ll
total 120
drwxr-x--- 17 nishu-raj nishu-raj 4096 Oct 10 10:06 ./
drwxr-xr-x  3 root      root      4096 Aug  7 20:01 ../
-rw-rw-r--  1 nishu-raj nishu-raj 20480 Oct 10 09:08 archive_name.tar
-rw-----  1 nishu-raj nishu-raj 3710 Oct 10 10:20 .bash_history
-rw-r--r--  1 nishu-raj nishu-raj  220 Mar 31 2024 .bash_logout
-rw-r--r--  1 nishu-raj nishu-raj 3771 Mar 31 2024 .bashrc
-rw-rw-r--  1 nishu-raj nishu-raj 10240 Oct 10 09:06 binn.txt.save
drwx----- 11 nishu-raj nishu-raj 4096 Aug  7 20:10 .cache/
drwx----- 11 nishu-raj nishu-raj 4096 Aug  8 08:37 .config/
drwxrwxr-x  2 nishu-raj nishu-raj 4096 Sep  5 09:27 Cprograms/
drwxr-xr-x  3 nishu-raj nishu-raj 4096 Oct 10 08:21 Desktop/
drwxr-xr-x  2 nishu-raj nishu-raj 4096 Aug  7 20:08 Documents/
d-----r-x  2 nishu-raj nishu-raj 4096 Aug  7 20:08 Downloads/
drwx-----  2 nishu-raj nishu-raj 4096 Oct 10 08:21 .gnupg/
drwx-----  4 nishu-raj nishu-raj 4096 Aug  7 20:08 .local/
d-----r-x  3 nishu-raj nishu-raj 4096 Aug 20 18:41 Music/
drwxr-xr-x  2 nishu-raj nishu-raj 4096 Aug  7 20:08 Pictures/
-rw-r--r--  1 nishu-raj nishu-raj  807 Mar 31 2024 .profile
d-----r-x  2 nishu-raj nishu-raj 4096 Aug  7 20:08 Public/
drwx-----  6 nishu-raj nishu-raj 4096 Aug 22 19:22 snap/
-rw-rw-r--  1 nishu-raj nishu-raj  26 Aug 29 09:06 Song
drwx-----  2 nishu-raj nishu-raj 4096 Aug  7 20:08 .ssh/
-rw-r--r--  1 nishu-raj nishu-raj   0 Aug  8 08:15 .sudo_as_admin_successful
drwxr-xr-x  2 nishu-raj nishu-raj 4096 Aug  7 20:08 Templates/
drwxr-xr-x  2 nishu-raj nishu-raj 4096 Aug  7 20:08 Videos/
nishu-raj@nishu-raj-VirtualBox:~$
```

Command :cal 2024|more

```
nishu-raj@nishu-raj-VirtualBox:~$ cal 2024|more
2024
January February March
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
  1 2 3 4 5 6      1 2 3      1 2
  7 8 9 10 11 12 13  4 5 6 7 8 9 10  3 4 5 6 7 8 9
14 15 16 17 18 19 20 11 12 13 14 15 16 17 10 11 12 13 14 15 16
21 22 23 24 25 26 27 18 19 20 21 22 23 24 17 18 19 20 21 22 23
28 29 30 31      25 26 27 28 29      24 25 26 27 28 29 30
                                     31

April May June
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
  1 2 3 4 5 6      1 2 3 4      1
  7 8 9 10 11 12 13  5 6 7 8 9 10 11  2 3 4 5 6 7 8
14 15 16 17 18 19 20 12 13 14 15 16 17 18  9 10 11 12 13 14 15
21 22 23 24 25 26 27 19 20 21 22 23 24 25 16 17 18 19 20 21 22
28 29 30      26 27 28 29 30 31  23 24 25 26 27 28 29
                                     30

July August September
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
  1 2 3 4 5 6      1 2 3      1 2 3 4 5 6 7
  7 8 9 10 11 12 13  4 5 6 7 8 9 10  8 9 10 11 12 13 14
14 15 16 17 18 19 20 11 12 13 14 15 16 17 15 16 17 18 19 20 21
21 22 23 24 25 26 27 18 19 20 21 22 23 24 22 23 24 25 26 27 28
28 29 30 31      25 26 27 28 29 30 31  29 30

October November December
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
  1 2 3 4 5      1 2      1 2 3 4 5 6 7
  6 7 8 9 10 11 12  3 4 5 6 7 8 9  8 9 10 11 12 13 14
13 14 15 16 17 18 19 10 11 12 13 14 15 16 15 16 17 18 19 20 21
20 21 22 23 24 25 26 17 18 19 20 21 22 23 22 23 24 25 26 27 28
27 28 29 30 31      24 25 26 27 28 29 30  29 30 31

nishu-raj@nishu-raj-VirtualBox:~$
```

Command :\$echo

```
nishu-raj@nishu-raj-VirtualBox:~$ echo 'ubuntu'
ubuntu
nishu-raj@nishu-raj-VirtualBox:~$
```

Command : \$whoami & \$who

```
nishu-raj@nishu-raj-VirtualBox:~$ whoami
nishu-raj
nishu-raj@nishu-raj-VirtualBox:~$ who
nishu-raj seat0      2024-10-10 08:20 (login screen)
nishu-raj tty2      2024-10-10 08:20 (tty2)
nishu-raj@nishu-raj-VirtualBox:~$
```