

## Linux Commends 2

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File Edit View Search Terminal Help
rakeshubuntu@Ubuntu:~/naresh$ ll
total 8
drwxrwxr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 14:55 ./
drwxr-xr-x 16 rakeshubuntu rakeshubuntu 4096 Oct 25 14:53 ../
-rw-rw-r--  1 rakeshubuntu rakeshubuntu   0 Oct 25 14:55 nn
rakeshubuntu@Ubuntu:~/naresh$ chmod 777
chmod: missing operand after '777'
Try 'chmod --help' for more information.
rakeshubuntu@Ubuntu:~/naresh$ ll
total 8
drwxrwxr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 14:55 ./
drwxr-xr-x 16 rakeshubuntu rakeshubuntu 4096 Oct 25 14:53 ../
-rw-rw-r--  1 rakeshubuntu rakeshubuntu   0 Oct 25 14:55 nn
rakeshubuntu@Ubuntu:~/naresh$ chmod 777 nn
rakeshubuntu@Ubuntu:~/naresh$ ll
total 8
drwxrwxr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 14:55 ./
drwxr-xr-x 16 rakeshubuntu rakeshubuntu 4096 Oct 25 14:53 ../
-rwxrwxrwx  1 rakeshubuntu rakeshubuntu   0 Oct 25 14:55 nn*
rakeshubuntu@Ubuntu:~/naresh$ chmod 777 nn
rakeshubuntu@Ubuntu:~/naresh$ ls
nn
rakeshubuntu@Ubuntu:~/naresh$ ll
total 8
drwxrwxr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 14:55 ./
drwxr-xr-x 16 rakeshubuntu rakeshubuntu 4096 Oct 25 14:53 ../
-rwxrwxrwx  1 rakeshubuntu rakeshubuntu   0 Oct 25 14:55 nn*
rakeshubuntu@Ubuntu:~/naresh$
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total 96
drwxr-xr-x 16 rakeshubuntu rakeshubuntu 4096 Oct 25 14:53 ./
drwxr-xr-x  3 root          root          4096 Oct 25 11:29 ../
-rw-----  1 rakeshubuntu rakeshubuntu   44 Oct 25 11:39 .bash_history
-rw-r--r--  1 rakeshubuntu rakeshubuntu  220 Oct 25 11:29 .bash_logout
-rw-r--r--  1 rakeshubuntu rakeshubuntu 3771 Oct 25 11:29 .bashrc
drwx----- 15 rakeshubuntu rakeshubuntu 4096 Oct 25 14:32 .cache/
drwx----- 11 rakeshubuntu rakeshubuntu 4096 Oct 25 11:38 .config/
drwxr-xr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 11:36 Desktop/
drwxr-xr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 11:36 Documents/
drwxr-xr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 11:36 Downloads/
-rw-r--r--  1 rakeshubuntu rakeshubuntu 8980 Oct 25 11:29 examples.desktop
drwx-----  3 rakeshubuntu rakeshubuntu 4096 Oct 25 11:34 .gnupg/
-rw-----  1 rakeshubuntu rakeshubuntu 1256 Oct 25 14:51 .ICEauthority
drwx-----  3 rakeshubuntu rakeshubuntu 4096 Oct 25 11:34 .local/
drwx-----  5 rakeshubuntu rakeshubuntu 4096 Oct 25 14:32 .mozilla/
drwxr-xr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 11:36 Music/
drwxrwxr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 14:52 naresh/
drwxr-xr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 14:31 Pictures/
-rw-r--r--  1 rakeshubuntu rakeshubuntu  807 Oct 25 11:29 .profile
drwxr-xr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 11:36 Public/
-rw-rw-r--  1 rakeshubuntu rakeshubuntu   0 Oct 25 11:38 ra
-rw-rw-r--  1 rakeshubuntu rakeshubuntu   0 Oct 25 14:53 task
drwxr-xr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 11:36 Templates/
drwxr-xr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 11:36 Videos/
rakeshubuntu@Ubuntu:~$ date
Fri Oct 25 14:54:13 IST 2024
rakeshubuntu@Ubuntu:~$
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File Edit View Search Terminal Help
rakeshubuntu@ubuntu:~/naresh$ ll
total 8
drwxrwxr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 14:55 ./
drwxr-xr-x 16 rakeshubuntu rakeshubuntu 4096 Oct 25 14:53 ../
-rwx-wxr--  1 rakeshubuntu rakeshubuntu    0 Oct 25 14:55 nn*
rakeshubuntu@Ubuntu:~/naresh$ ls-ll
ls-ll: command not found
rakeshubuntu@Ubuntu:~/naresh$ ls-ltrh
ls-ltrh: command not found
rakeshubuntu@Ubuntu:~/naresh$ ls -ltrh
total 0
-rwx-wxr--  1 rakeshubuntu rakeshubuntu 0 Oct 25 14:55 nn
rakeshubuntu@Ubuntu:~/naresh$ ls -ll
total 0
-rwx-wxr--  1 rakeshubuntu rakeshubuntu 0 Oct 25 14:55 nn
rakeshubuntu@Ubuntu:~/naresh$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
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

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File Edit View Search Terminal Help
rakeshubuntu@Ubuntu:~/naresh$ echo $0
rakeshubuntu@Ubuntu:~/naresh$ chown roor:root nn
chown: invalid user: 'roor:root'
rakeshubuntu@Ubuntu:~/naresh$ chown root:roor nn
chown: invalid group: 'root:roor'
rakeshubuntu@Ubuntu:~/naresh$ chown root:root nn
chown: changing ownership of 'nn': Operation not permitted
rakeshubuntu@Ubuntu:~/naresh$ sudo chown root:root nn
[sudo] password for rakeshubuntu:
rakeshubuntu is not in the sudoers file.  This incident will be reported.
rakeshubuntu@Ubuntu:~/naresh$ ll
total 8
drwxrwxr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 14:55 ./
drwxr-xr-x 16 rakeshubuntu rakeshubuntu 4096 Oct 25 14:53 ../
-rwx-wxr--  1 rakeshubuntu rakeshubuntu    0 Oct 25 14:55 nn*
rakeshubuntu@Ubuntu:~/naresh$ apt install git
E: Could not open lock file /var/lib/dpkg/lock-frontent - open (13: Permission
denied)
E: Unable to acquire the dpkg frontend lock (/var/lib/dpkg/lock-frontent), are
you root?
rakeshubuntu@Ubuntu:~/naresh$ id
uid=1000(rakeshubuntu) gid=1000(rakeshubuntu) groups=1000(rakeshubuntu)
rakeshubuntu@Ubuntu:~/naresh$ su root
Password:
root@Ubuntu:/home/rakeshubuntu/naresh# id
uid=0(root) gid=0(root) groups=0(root)
root@Ubuntu:/home/rakeshubuntu/naresh#

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whoopsie:x:112:117::/nonexistent:/bin/false
kernoops:x:113:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin
saned:x:114:119::/var/lib/saned:/usr/sbin/nologin
avahi:x:115:120:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
colord:x:116:121:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
hplip:x:117:7:HPLIP system user,,,:/var/run/hplip:/bin/false
geoclue:x:118:122::/var/lib/geoclue:/usr/sbin/nologin
pulse:x:119:123:PulseAudio daemon,,,:/var/run/pulse:/usr/sbin/nologin
gnome-initial-setup:x:120:65534::/run/gnome-initial-setup:/bin/false
gdm:x:121:125:Gnome Display Manager:/var/lib/gdm3:/bin/false
rakeshubuntu:x:1000:1000:Rakesh,,,:/home/rakeshubuntu:/bin/bash
root@Ubuntu:/home/rakeshubuntu/naresh# echo $0
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```
root@Ubuntu:/home/rakeshubuntu/naresh# echo$0
echobash: command not found
root@Ubuntu:/home/rakeshubuntu/naresh# ll
total 8
drwxrwxr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 14:55 ./
drwxr-xr-x 16 rakeshubuntu rakeshubuntu 4096 Oct 25 14:53 ../
-rwx-wxr--  1 rakeshubuntu rakeshubuntu    0 Oct 25 14:55 nn*
root@Ubuntu:/home/rakeshubuntu/naresh# sudo chown root:root nn
root@Ubuntu:/home/rakeshubuntu/naresh# ll
total 8
drwxrwxr-x  2 rakeshubuntu rakeshubuntu 4096 Oct 25 14:55 ./
drwxr-xr-x 16 rakeshubuntu rakeshubuntu 4096 Oct 25 14:53 ../
-rwx-wxr--  1 root         root         0 Oct 25 14:55 nn*
root@Ubuntu:/home/rakeshubuntu/naresh#
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rtkit:x:109:114:RealtimeKit,,,:/proc:/usr/sbin/nologin
cups-pk-helper:x:110:116:user for cups-pk-helper service,,,:/home/cups-pk-helper:/usr/sbin/nologin
speech-dispatcher:x:111:29:Speech Dispatcher,,,:/var/run/speech-dispatcher:/bin/false
whoopsie:x:112:117::/nonexistent:/bin/false
kernoops:x:113:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin
saned:x:114:119::/var/lib/saned:/usr/sbin/nologin
avahi:x:115:120:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
colord:x:116:121:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
hplip:x:117:7:HPLIP system user,,,:/var/run/hplip:/bin/false
geoclue:x:118:122::/var/lib/geoclue:/usr/sbin/nologin
pulse:x:119:123:PulseAudio daemon,,,:/var/run/pulse:/usr/sbin/nologin
gnome-initial-setup:x:120:65534::/run/gnome-initial-setup:/bin/false
gdm:x:121:125:Gnome Display Manager:/var/lib/gdm3:/bin/false
rakeshubuntu:x:1000:1000:Rakesh,,,:/home/rakeshubuntu:/bin/bash
book:x:1001:1001::/home/book:/bin/sh
techi:x:1002:1002::/home/techi:/bin/sh
root@Ubuntu:/home/rakeshubuntu/naresh/prs# passwd techi
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
root@Ubuntu:/home/rakeshubuntu/naresh/prs# su techi
$ id
uid=1002(techi) gid=1002(techi) groups=1002(techi)
$ exit
root@Ubuntu:/home/rakeshubuntu/naresh/prs#
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```
root@Ubuntu:~# echo "hello world"
hello world
root@Ubuntu:~# echo "hello world" > test11
root@Ubuntu:~# ll
total 40
drwx----- 5 root root 4096 Oct 25 16:21 ./
drwxr-xr-x 24 root root 4096 Oct 25 11:30 ../
-rw-r--r-- 1 root root 3106 Apr  9 2018 .bashrc
drwx----- 2 root root 4096 Sep 16 2021 .cache/
drwx----- 3 root root 4096 Oct 25 15:10 .gnupg/
-rw-r--r-- 1 root root 148 Aug 17 2015 .profile
drwxr-xr-x 6 root root 4096 Oct 25 14:30 snap/
-rw-r--r-- 1 root root 12 Oct 25 16:21 test11
-r-xr-xr-x 1 root root 7049 Oct 25 11:35 vboxpostinstall.sh*
root@Ubuntu:~# ls
snap  test11  vboxpostinstall.sh
root@Ubuntu:~# cat test11
hello world
root@Ubuntu:~# echo "techhorzion" > test11
root@Ubuntu:~# cat test11
techhorzion
root@Ubuntu:~# echo "hello world" >> test11
root@Ubuntu:~# cat test11
techhorzion
hello world
root@Ubuntu:~#
```