LINUX COMMANDS

TOUCH

The touch command is used to create empty files and update timestamps (date & time) of existing files.

```
ubuntu:~$ touch ipl
ubuntu:~$ ls
filesystem  ipl
ubuntu:~$
```

LS

List files and folders

```
ubuntu:~$ touch ipl
ubuntu:~$ ls
filesystem  ipl
ubuntu:~$
```

MKDIR

Create directory

```
ubuntu:~$ mkdir login
ubuntu:~$ ls
filesystem  ipl  login
```

RM

Delete file

```
ubuntu:~$ rm dhanush
ubuntu:~$ ls
filesystem  login
```

WHOAMI

Current user

```
ubuntu:~$ whoami
root
```

PWD

Show current directory

```
ubuntu:~$ pwd
/root
```

CAT FILE

View file content

```
ubuntu:~/login$ cat dha
dhanush
devops
linux commands
```

CD

Open directory

```
ubuntu:~$ cd login
ubuntu:~/login$ nano dhanush
```

NANO

nano is a **simple, beginner-friendly text editor** used in Linux to **create and edit files** directly from the terminal.

```
ubuntu:~/login$ nano dhanush
ubuntu:~/login$ nano dha
ubuntu:~/login$
ubuntu:~/login$ cat dha
dhanush
devops
linux commands
```

ID

User id details

```
ubuntu:~$ id
uid=0(root) gid=0(root) groups=0(root)
ubuntu:~$
```

FIND

Find file

```
ubuntu:~$ find login
login
login/dha
login/dhanush
login/david
```

UPTIME

System running file

```
ubuntu:~$ uptime
 06:30:22 up  1:09,  0 user,  load average: 0.08, 0.02, 0.01
```

PING

```
ubuntu:~$ ping www.google.com
PING www.google.com (172.217.20.36) 56(84) bytes of data.
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=1 ttl=115 time=13.0 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=2 ttl=115 time=12.9 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=3 ttl=115 time=12.8 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=4 ttl=115 time=12.9 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=5 ttl=115 time=12.4 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=6 ttl=115 time=13.1 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=7 ttl=115 time=12.3 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=8 ttl=115 time=12.1 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=9 ttl=115 time=12.2 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=10 ttl=115 time=17.1 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=11 ttl=115 time=17.8 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=12 ttl=115 time=12.6 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=13 ttl=115 time=12.3 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=14 ttl=115 time=12.4 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=15 ttl=115 time=17.4 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=16 ttl=115 time=12.4 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=17 ttl=115 time=12.1 ms
64 bytes from pnpara-ac-in-f4.1e100.net (172.217.20.36): icmp_seq=18 ttl=115 time=12.7 ms
```