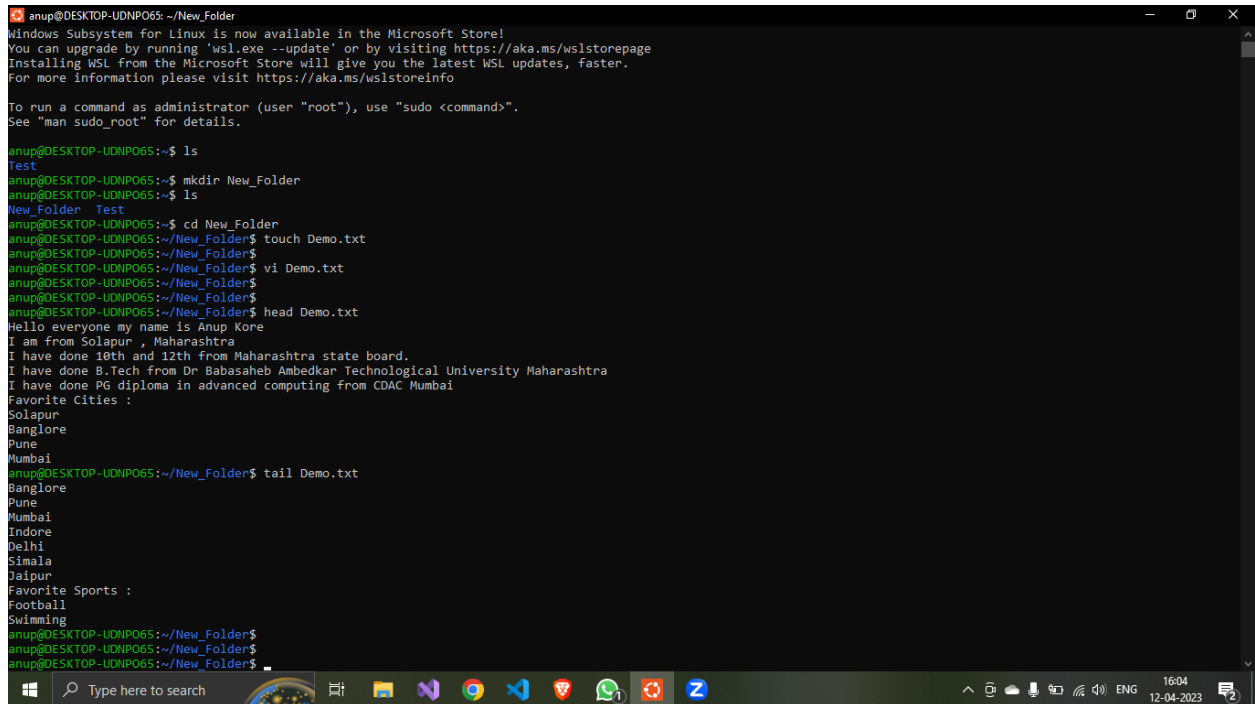


Name - Anup Kore
Topic - Linux Commands
Date - 12-04-2023

Screenshots:



```
anup@DESKTOP-UDNPO65: ~/New_Folder
Windows Subsystem for Linux is now available in the Microsoft Store!
You can upgrade by running 'wsl.exe --update' or by visiting https://aka.ms/wslstorepage
Installing WSL from the Microsoft Store will give you the latest WSL updates, faster.
For more information please visit https://aka.ms/wslstoreinfo

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

anup@DESKTOP-UDNPO65:~$ ls
Test
anup@DESKTOP-UDNPO65:~$ mkdir New_Folder
anup@DESKTOP-UDNPO65:~$ ls
New_Folder  Test
anup@DESKTOP-UDNPO65:~$ cd New_Folder
anup@DESKTOP-UDNPO65:~/New_Folder$ touch Demo.txt
anup@DESKTOP-UDNPO65:~/New_Folder$ vi Demo.txt
anup@DESKTOP-UDNPO65:~/New_Folder$ head Demo.txt
Hello everyone my name is Anup Kore
I am from Solapur , Maharashtra
I have done 10th and 12th from Maharashtra state board.
I have done B.Tech from Dr Babasaheb Ambedkar Technological University Maharashtra
I have done PG diploma in advanced computing from CDAC Mumbai
Favorite Cities :
Solapur
Bangalore
Pune
Mumbai
anup@DESKTOP-UDNPO65:~/New_Folder$ tail Demo.txt
Bangalore
Pune
Mumbai
Indore
Delhi
Simla
Jaipur
Favorite Sports :
Football
Swimming
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
```

```
anup@DESKTOP-UDNPO65: ~/New_Folder
Pune
Mumbai
Indore
Delhi
Simla
Jaipur
Favorite Sports :
Football
Swimming
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ cat -n Demo.txt
 1 Hello everyone my name is Anup Kore
 2 I am from Solapur , Maharashtra
 3 I have done 10th and 12th from Maharashtra state board.
 4 I have done B.Tech from Dr Babasaheb Ambedkar Technological University Maharashtra
 5 I have done PG diploma in advanced computing from CDAC Mumbai
 6 Favorite Cities :
 7 Solapur
 8 Bangalore
 9 Pune
10 Mumbai
11 Indore
12 Delhi
13 Simla
14 Jaipur
15 Favorite Sports :
16 Football
17 Swimming
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
```

```
anup@DESKTOP-UDNPO65: ~/New_Folder
anup@DESKTOP-UDNPO65:~/New_Folder$ whoami
anup
anup@DESKTOP-UDNPO65:~/New_Folder$ grep "Solapur Demo.txt"
$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ grep "Solapur" Demo.txt
I am from Solapur , Maharashtra
Solapur
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ touch First.java
anup@DESKTOP-UDNPO65:~/New_Folder$ touch Second.py
anup@DESKTOP-UDNPO65:~/New_Folder$ touch New.txt
anup@DESKTOP-UDNPO65:~/New_Folder$ touch Commands.txt
anup@DESKTOP-UDNPO65:~/New_Folder$ ls
Commands.txt Demo.txt First.java New.txt Second.py
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ find . -name "First.java"
./First.java
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ cd .
anup@DESKTOP-UDNPO65:~/New_Folder$ cd ..
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ find . -name "Second.py"
./New_Folder/Second.py
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ cd New_Folder
anup@DESKTOP-UDNPO65:~/New_Folder$ rm New.txt
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ ls
Commands.txt Demo.txt First.java Second.py
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ wc Demo.txt
 17  61 380 Demo.txt
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
```

```
anup@DESKTOP-UDNPO65: ~/New_Folder
anup@DESKTOP-UDNPO65:~/New_Folder$ chmod --help
Usage: chmod [OPTION]... MODE[,MODE]... FILE...
or:  chmod [OPTION]... OCTAL-MODE FILE...
or:  chmod [OPTION]... --reference=RFILE FILE...
Change the mode of each FILE to MODE.
With --reference, change the mode of each FILE to that of RFILE.

  -c, --changes          like verbose but report only when a change is made
  -f, --silent, --quiet  suppress most error messages
  -v, --verbose          output a diagnostic for every file processed
                        --no-preserve-root  do not treat '/' specially (the default)
                        --preserve-root    fail to operate recursively on '/'
                        --reference=RFILE  use RFILE's mode instead of MODE values
  -R, --recursive       change files and directories recursively
  --help                display this help and exit
  --version             output version information and exit

Each MODE is of the form '[ugoa]*([-+=]([rwxXst]*|[ugo]))+|[-+=][0-7]+'.
```

GNU coreutils online help: <<https://www.gnu.org/software/coreutils/>>
Report any translation bugs to <<https://translationproject.org/team/>>
Full documentation <<https://www.gnu.org/software/coreutils/chmod>>
or available locally via: info '(coreutils) chmod invocation'

```
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ ps -a
  PID TTY          TIME CMD
   13 tty1      00:00:00 bash
   51 tty1      00:00:00 ps
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ ps
  PID TTY          TIME CMD
   13 tty1      00:00:00 bash
   52 tty1      00:00:00 ps
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ ls -l
total 0
-rw-r--r-- 1 anup anup  0 Apr 12 16:25 Commands.txt
-rw-r--r-- 1 anup anup 388 Apr 12 16:03 Demo.txt
-rw-r--r-- 1 anup anup  0 Apr 12 16:24 First.java
-rw-r--r-- 1 anup anup  0 Apr 12 16:24 Second.py
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
```

```
anup@DESKTOP-UDNPO65: ~/New_Folder
top - 16:36:09 up 55 min, 0 users, load average: 0.52, 0.58, 0.59
Tasks:  4 total,  1 running,  3 sleeping,  0 stopped,  0 zombie
%Cpu(s):  6.3 us,  6.3 sy,  0.0 ni, 87.0 id,  0.0 wa,  0.4 hi,  0.0 si,  0.0 st
MiB Mem : 12162.6 total,  6953.7 free,  4985.0 used,  224.0 buff/cache
MiB Swap: 30443.7 total,  30443.7 free,  0.0 used,  7047.1 avail Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1	root	20	0	8960	416	344	S	0.0	0.0	0:00.11	init
12	root	20	0	9312	240	188	S	0.0	0.0	0:00.00	init
13	anup	20	0	14120	3764	3664	S	0.0	0.0	0:00.25	bash
56	anup	20	0	15824	2268	1580	R	0.0	0.0	0:00.01	top

```
anup@DESKTOP-UDNPO65: ~/New_Folder
anup@DESKTOP-UDNPO65:~/New_Folder$ pwd
/home/anup/New_Folder
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ dig Facebook.com

;<<>> Dig 9.18.1-1ubuntu1.2-Ubuntu <<>> Facebook.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 59525
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags: udp: 4096
;; QUESTION SECTION:
;; Facebook.com.                IN      A

;; ANSWER SECTION:
Facebook.com.        111     IN      A      157.240.16.35

;; Query time: 17 msec
;; SERVER: 192.168.1.1#53(192.168.1.1) (UDP)
;; WHEN: Wed Apr 12 16:38:21 IST 2023
;; MSG SIZE rcvd: 57

anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ tee
^C
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ tee New.txt
Anup Kore
Anup Kore
^C
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ cat New.txt
Anup Kore
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ cat >> New.txt
I am 24 Years old
^C
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ cat New.txt
Anup Kore
I am 24 Years old
anup@DESKTOP-UDNPO65:~/New_Folder$
```

```
anup@DESKTOP-UDNPO65: ~/New_Folder
Hi Everyone
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ cp Demo.txt Demo2.txt
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ cat Demo2.txt
Hello everyone my name is Anup Kore
I am from Solapur , Maharashtra
I have done 10th and 12th from Maharashtra state board.
I have done B.Tech from Dr Babasaheb Ambedkar Technological University Maharashtra
I have done PG diploma in advanced computing from CDAC Mumbai
Favorite Cities :
Solapur
Bangalore
Pune
Mumbai
Indore
Delhi
Simla
Jaipur
Favorite Sports :
Football
Swimming
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ mv Demo2.txt Demo3.txt
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ cat Demo3.txt
Hello everyone my name is Anup Kore
I am from Solapur , Maharashtra
I have done 10th and 12th from Maharashtra state board.
I have done B.Tech from Dr Babasaheb Ambedkar Technological University Maharashtra
I have done PG diploma in advanced computing from CDAC Mumbai
Favorite Cities :
Solapur
Bangalore
Pune
Mumbai
Indore
Delhi
Simla
Jaipur
Favorite Sports :
Football
Swimming
anup@DESKTOP-UDNPO65:~/New_Folder$
```

```
anup@DESKTOP-UDNPO65: ~/New_Folder
none      249394724  87177168 162217556 35% /dev
none      249394724  87177168 162217556 35% /run
none      249394724  87177168 162217556 35% /run/lock
none      249394724  87177168 162217556 35% /run/shm
none      249394724  87177168 162217556 35% /run/user
tmpfs     249394724  87177168 162217556 35% /sys/fs/cgroup
C:\        249394724  87177168 162217556 35% /mnt/c
D:\        153037820 1450020 151587800 1% /mnt/d
E:\        208758780 23492716 185260064 12% /mnt/e
F:\        307199996 104447332 202752664 34% /mnt/f
G:\        307198972 20647328 286551644 7% /mnt/g
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ lsblk
lsblk: failed to access sysfs directory: /sys/dev/block: No such file or directory
anup@DESKTOP-UDNPO65:~/New_Folder$ chown
chown: missing operand
Try 'chown --help' for more information.
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ ls -la
.  .. Commands.txt Demo.txt Demo3.txt First.java New.txt Second.py
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ apropos find
Command 'apropos' not found, did you mean:
  Command 'apropos' from deb man-db (2.10.2-1)
Try: sudo apt install <deb name>
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ apropos
apropos what?
anup@DESKTOP-UDNPO65:~/New_Folder$ apropos find
find (1) - search for files in a directory hierarchy
findfs (8) - find a filesystem by label or UUID
findmnt (8) - find a filesystem
git-bisect (1) - Use binary search to find the commit that introduced a bug
git-cherry (1) - Find commits yet to be applied to upstream
git-merge-base (1) - Find as good common ancestors as possible for a merge
git-name-rev (1) - Find symbolic names for given revs
git-pack-redundant (1) - Find redundant pack files
pidof (8) - find the process ID of a running program.
systemd-delta (1) - Find overridden configuration files
xdg-user-dir (1) - Find an XDG user dir
anup@DESKTOP-UDNPO65:~/New_Folder$
```

```
anup@DESKTOP-UDNPO65: ~/New_Folder
anup@DESKTOP-UDNPO65:~/New_Folder$ id
uid=1000(anup) gid=1000(anup) groups=1000(anup),4(adm),20(dialout),24(cdrom),25(floppy),27(sudo),29(audio),30(dip),44(video),46(plugdev),116(netdev)
anup@DESKTOP-UDNPO65:~/New_Folder$ hostname
DESKTOP-UDNPO65
anup@DESKTOP-UDNPO65:~/New_Folder$ uname
Linux
anup@DESKTOP-UDNPO65:~/New_Folder$ whoami
anup
anup@DESKTOP-UDNPO65:~/New_Folder$ man find
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$ apropos grep
egrep (1) - print lines that match patterns
fgrep (1) - print lines that match patterns
git-bugreport (1) - Collect information for user to file a bug report
git-grep (1) - Print lines matching a pattern
grep (1) - print lines that match patterns
lzegrep (1) - search compressed files for a regular expression
lzfgrep (1) - search compressed files for a regular expression
lzgrep (1) - search compressed files for a regular expression
pgrep (1) - look up, signal, or wait for processes based on name and other attributes
ptargrep (1) - Apply pattern matching to the contents of files in a tar archive
rgrep (1) - print lines that match patterns
xzegrep (1) - search compressed files for a regular expression
xzfgrep (1) - search compressed files for a regular expression
xzgrep (1) - search compressed files for a regular expression
zegrep (1) - search possibly compressed files for a regular expression
zfgrep (1) - search possibly compressed files for a regular expression
zgrep (1) - search possibly compressed files for a regular expression
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
anup@DESKTOP-UDNPO65:~/New_Folder$
```

