

```
hariniubuntu@victus:~$ pwd
/home/hariniubuntu
hariniubuntu@victus:~$ whoami
hariniubuntu
hariniubuntu@victus:~$ ls
1.txt
2.txt
3.txt
AH-Session
Elevate-task
Git practise
'QTP_5VPPw1Gry0Tn8Pejn0lGYwHaEo?w=310&h=193&c=7&r=0&o=7&dpr=1.3&pid=1.7&rm=3'
'RESUME ATS.pdf'
a
a1
a2
a3
abc
abcd
app.txt
atlassian-jira-software-7.3.4-x64.bin
aws
aws07
aws_1
aws_tracker
aws_tracker.sh
awscliv2.zip
data
input1.sh
jan
link
linux
linux-devops-project
linux2
log1.txt
log2.txt
log_project
log_writer.sh
logs
logfile.txt
logss
my
mypractise
myshell.sh
nike.txt
nike2.txt
node_deploy.pem
nodehealth.sh
nohup.out
s
samp.txt
```

```
hariniubuntu@victus: ~          X  🍁 Ubuntu          X  +  ▾
hariniubuntu@victus:~$ pwd
/home/hariniubuntu
hariniubuntu@victus:~$ mkdir Elevate-task
hariniubuntu@victus:~$ cd Elevate-task
hariniubuntu@victus:~/Elevate-task$ pwd
/home/hariniubuntu/Elevate-task
hariniubuntu@victus:~/Elevate-task$ ls
hariniubuntu@victus:~/Elevate-task$ █
```

```
hariniubuntu@victus:~$ cd Elevate-task/
hariniubuntu@victus:~/Elevate-task$ sudo -i
[sudo] password for hariniubuntu:
root@victus:~# touch file.txt
root@victus:~# ls -l | grep file.txt
-rw-r--r-- 1 root root 0 Jan 15 11:53 file.txt
root@victus:~# ls -l file.txt
-rw-r--r-- 1 root root 0 Jan 15 11:53 file.txt
root@victus:~# chmod u-w file.txt
root@victus:~# ls -l file.txt
-r--r--r-- 1 root root 0 Jan 15 11:53 file.txt
root@victus:~# logout
hariniubuntu@victus:~/Elevate-task$ vi file.txt
hariniubuntu@victus:~/Elevate-task$ cat file.txt
devops file
devops file -2
hariniubuntu@victus:~/Elevate-task$ ls -l | grep file.txt
-rwxrwxrwx 1 hariniubuntu hariniubuntu 27 Jan 15 08:53 file.txt
hariniubuntu@victus:~/Elevate-task$ chmod u-w file.txt
hariniubuntu@victus:~/Elevate-task$ ls -l file.txt
-r--rwxrwx 1 hariniubuntu hariniubuntu 27 Jan 15 08:53 file.txt
harinibuntu@victus:~/Elevate-task$ █
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```
devops file  
devops file -2
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```
hariniubuntu@victus:~/Elevate-task$ mkdir lab
hariniubuntu@victus:~/Elevate-task$ cd lab
hariniubuntu@victus:~/Elevate-task/lab$ vi file1.txt
hariniubuntu@victus:~/Elevate-task/lab$ cat file1.txt
This is the first file
hariniubuntu@victus:~/Elevate-task/lab$ vi file2.txt
hariniubuntu@victus:~/Elevate-task/lab$ cat file2.txt
This is the second file
hariniubuntu@victus:~/Elevate-task/lab$ ls
file1.txt file2.txt
hariniubuntu@victus:~/Elevate-task/lab$ rm file1.txt
hariniubuntu@victus:~/Elevate-task/lab$ ls
file2.txt
hariniubuntu@victus:~/Elevate-task/lab$ rmdir lab
rmdir: failed to remove 'lab': No such file or directory
hariniubuntu@victus:~/Elevate-task/lab$ rm -r lab
rm: cannot remove 'lab': No such file or directory
hariniubuntu@victus:~/Elevate-task/lab$ rm file2.txt
hariniubuntu@victus:~/Elevate-task/lab$ ls
hariniubuntu@victus:~/Elevate-task/lab$ rmdir lab
rmdir: failed to remove 'lab': No such file or directory
hariniubuntu@victus:~/Elevate-task/lab$ cd ..
hariniubuntu@victus:~/Elevate-task$ ls
chmod-lab cse-task.txt dev-task1.txt example.txt file.txt lab python task-1.txt
hariniubuntu@victus:~/Elevate-task$ rm
hariniubuntu@victus:~/Elevate-task$ ls
chmod-lab cse-task.txt dev-task1.txt example.txt file.txt python task-1.txt
hariniubuntu@victus:~/Elevate-task$
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```
hariniubuntu@victus:~/Elevate-task$ chmod u-w cse.txt
hariniubuntu@victus:~/Elevate-task$ ls -l | grep cse.txt
-r--r--r-- 1 hariniubuntu hariniubuntu 16 Jan 15 12:08 cse.txt
hariniubuntu@victus:~/Elevate-task$ sudo adduser dev1
[sudo] password for hariniubuntu:
info: Adding user `dev1' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group `dev1' (1023) ...
info: Adding new user `dev1' (1023) with group `dev1 (1023)' ...
info: Creating home directory `/home/dev1' ...
info: Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for dev1
Enter the new value, or press ENTER for the default
  Full Name []:
  Room Number []:
  Work Phone []:
  Home Phone []:
  Other []:
Is the information correct? [Y/n] y
info: Adding new user `dev1' to supplemental / extra groups `users' ...
info: Adding user `dev1' to group `users' ...
hariniubuntu@victus:~/Elevate-task$ sudo chown dev1 cse.txt
hariniubuntu@victus:~/Elevate-task$ ls -l | grep cse.txt
-r--r--r-- 1 dev1 hariniubuntu 16 Jan 15 12:08 cse.txt
hariniubuntu@victus:~/Elevate-task$
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```
hariniubuntu@victus:~/Elevate-task$ sudo groupadd developer
hariniubuntu@victus:~/Elevate-task$ getent group developer
developer:x:1024:
hariniubuntu@victus:~/Elevate-task$ sudo usermod -aG developer dev1
hariniubuntu@victus:~/Elevate-task$ groups dev1
dev1 : dev1 users developer
hariniubuntu@victus:~/Elevate-task$ sudo chown dev1:developer cse.txt
hariniubuntu@victus:~/Elevate-task$ ls -l cse.txt
-r--r--r-- 1 dev1 developer 16 Jan 15 12:08 cse.txt
```

```
hariniubuntu@victus:~$ cd Elevate-task/
hariniubuntu@victus:~/Elevate-task$ top
top - 12:24:19 up 35 min, 1 user, load average: 0.00, 0.00, 0.00
Tasks: 54 total, 1 running, 53 sleeping, 0 stopped, 0 zombie
%CPU(s): 0.1 us, 0.3 sy, 0.0 ni, 99.3 id, 0.3 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 7777.2 total, 6359.4 free, 931.6 used, 656.0 buff/cache
MiB Swap: 2048.0 total, 2048.0 free, 0.0 used. 6845.6 avail Mem

PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND
 61 root 19 -1 83236 18540 17772 S 2.3 0.2 0:20.04 systemd-journal
 328 mysql 20 0 2376216 395836 36352 S 1.0 5.0 0:21.14 mysqld
 106 root 20 0 25404 6272 4864 S 0.3 0.1 0:00.30 systemd-udevd
 214 systemd+ 20 0 21456 12672 10496 S 0.3 0.2 0:00.34 systemd-resolve
 239 root 20 0 2293252 35972 22528 S 0.3 0.5 0:01.26 snapd
3287 harini+ 20 0 9356 5632 3456 R 0.3 0.1 0:00.01 top
 1 root 20 0 21760 12288 9216 S 0.0 0.2 0:02.08 systemd
 2 root 20 0 3060 1664 1664 S 0.0 0.0 0:00.02 init-systemd(Ub
 7 root 20 0 3076 1792 1792 S 0.0 0.0 0:00.00 init
124 root 20 0 153068 1668 1408 S 0.0 0.0 0:00.00 snapfuse
125 root 20 0 152936 1284 1152 S 0.0 0.0 0:00.00 snapfuse
127 root 20 0 152936 1412 1280 S 0.0 0.0 0:00.00 snapfuse
134 root 20 0 227832 1668 1408 S 0.0 0.0 0:00.04 snapfuse
138 root 20 0 153068 1412 1280 S 0.0 0.0 0:00.00 snapfuse
215 systemd+ 20 0 91024 7552 6784 S 0.0 0.1 0:00.49 systemd-timesyn
229 root 20 0 4236 2432 2304 S 0.0 0.0 0:00.01 cron
230 message+ 20 0 9632 4864 4352 S 0.0 0.1 0:01.09 dbus-daemon
240 root 20 0 18152 8320 7424 S 0.0 0.1 0:00.46 systemd-logind
254 root 20 0 3160 1920 1792 S 0.0 0.0 0:00.00 getty
```

```
hariniubuntu@victus:~/Elevate-task$ htop
Command 'htop' not found, but can be installed with:
sudo snap install htop # version 3.4.1, or
sudo apt install htop # version 3.2.2-2
See 'snap info htop' for additional versions.
hariniubuntu@victus:~/Elevate-task$ sudo apt install htop
[sudo] password for hariniubuntu:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
 libnl-3-200 libnl-genl-3-200
Suggested packages:
 lm-sensors strace
The following NEW packages will be installed:
 htop libnl-3-200 libnl-genl-3-200
0 upgraded, 3 newly installed, 0 to remove and 0 not upgraded.
Need to get 238 kB of archives.
After this operation, 665 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
```

```
hariniubuntu@victus:~/Elevate-task$ df -h
Filesystem      Size  Used Avail Use% Mounted on
none            3.8G   0    3.8G  0% /usr/lib/modules/6.6.87.1-microsoft-standard-WSL2
none            3.8G  4.0K  3.8G  1% /mnt/wsl
drivers         150G 118G  32G 79% /usr/lib/wsl/drivers
/dev/sdd        1007G 4.9G 951G  1% /
none            3.8G  80K  3.8G  1% /mnt/wslg
none            3.8G   0    3.8G  0% /usr/lib/wsl/lib
rootfs          3.8G  2.7M  3.8G  1% /init
none            3.8G 856K  3.8G  1% /run
none            3.8G   0    3.8G  0% /run/lock
none            3.8G  1.1M  3.8G  1% /run/shm
none            3.8G  76K  3.8G  1% /mnt/wslg/versions.txt
none            3.8G  76K  3.8G  1% /mnt/wslg/doc
C:\             150G 118G  32G 79% /mnt/c
D:\             326G 106M 326G  1% /mnt/d
snapfuse         74M   74M   0 100% /snap/core22/2163
snapfuse         74M   74M   0 100% /snap/core22/2133
snapfuse         51M   51M   0 100% /snap/snapd/25202
snapfuse         51M   51M   0 100% /snap/snapd/25577
snapfuse         4.5M  4.5M   0 100% /snap/tree/54
tmpfs            3.8G  16K  3.8G  1% /run/user/1000
hariniubuntu@victus:~/Elevate-task$ free -m
              total        used        free      shared  buff/cache   available
Mem:       7777        939       6153          16        859        6837
Swap:      2048          0       2048
```