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hariniubuntu@victus: ~  
hariniubuntu@victus:~$ pwd  
/home/hariniubuntu  
hariniubuntu@victus:~$ whoami  
hariniubuntu  
hariniubuntu@victus:~$ ls  
1.txt  
2.txt  
3.txt  
AWS-Session  
Elevate-task  
Git_practise  
'OIP_5VPPwiGRy0Tn8Pejn0LGvHaEo?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  
awscli2.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
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hariniubuntu@victus: ~  
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$
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```
hariniubuntu@victus: ~  
hariniubuntu@victus:~/Elevate-task$ 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-xrwxrwx 1 hariniubuntu hariniubuntu 27 Jan 15 08:53 file.txt  
hariniubuntu@victus:~/Elevate-task$
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devops file  
devops file -2  
-- INSERT -- W10: Warning: Changing a readonly file
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hariniubuntu@victus: ~  
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  
cse-task.txt dev-task1.txt example.txt file.txt lab python task-1.txt  
hariniubuntu@victus:~/Elevate-task$ rmdir lab  
hariniubuntu@victus:~/Elevate-task$ ls  
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: ~  
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
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hariniubuntu@victus: ~  
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-udev
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	snapp
3287	hariniu+	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	snappfuse
125	root	20	0	152936	1284	1152	S	0.0	0.0	0:00.00	snappfuse
127	root	20	0	152936	1412	1280	S	0.0	0.0	0:00.00	snappfuse
134	root	20	0	227832	1668	1408	S	0.0	0.0	0:00.04	snappfuse
138	root	20	0	153068	1412	1280	S	0.0	0.0	0:00.00	snappfuse
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	agetty

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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  
snappfuse       74M  74M  0 100% /snap/core22/2163  
snappfuse       74M  74M  0 100% /snap/core22/2133  
snappfuse       51M  51M  0 100% /snap/snappd/25202  
snappfuse       51M  51M  0 100% /snap/snappd/25577  
snappfuse       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
```