



Week 6: Review of Basic Linux Commands

Name	
Campus ID	

Commands to Execute:

Basic Navigation:

- `pwd` – Show the current directory.
- `ls` – List the files and directories.

File Operations:

- `touch <file_name>` – Create an empty file.
- `rm <file_name>` – Remove a file.

System Information:

- `df -h` – Check disk space usage.
- `free -m` – Display memory usage.

Basic Navigation

```
$ pwd
/home/cg/root/66f818b81c239
$ ls
ls
```

File Operations

```
$ touch example.txt
touch example.txt
$ ls
example.txt
$ rm example.txt
rm example.txt
$ ls
ls
$
```



System Information

```
$ df -h
df -h

Filesystem      Size  Used Avail Use% Mounted on
overlay          2.0T   20G   1.9T   2% /
tmpfs            64M    0    64M   0% /dev
shm             64M    0    64M   0% /dev/shm
/dev/nvme1n1p3  2.0T   20G   1.9T   2% /usr/sbin/docker-init
/dev/nvme1n1p4  1.5T   40M   1.5T   1% /home/cg/root
tmpfs            63G    0    63G   0% /proc/acpi
tmpfs            63G    0    63G   0% /proc/scsi
tmpfs            63G    0    63G   0% /sys/firmware
tmpfs            63G    0    63G   0% /sys/devices/virtual/powercap
export "PS1=$ "

$ free -m
free -m

total          used          free          shared  buff/cache   available
Mem:          128717          2528          110030           3          16158          125018
Swap:           4095              0           4095
export "PS1=$ "
```

\$ |