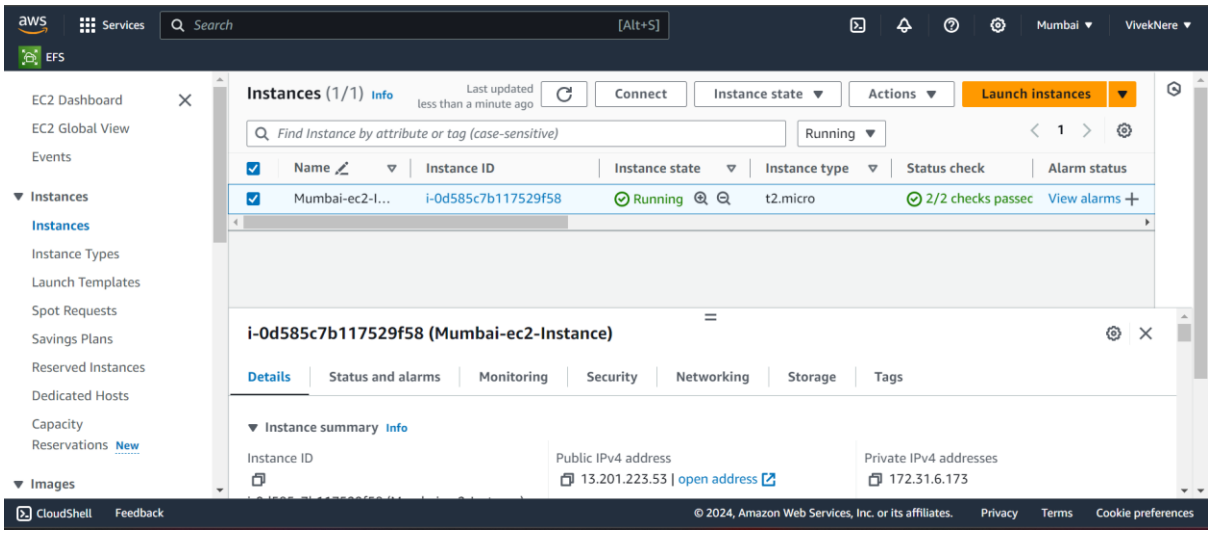
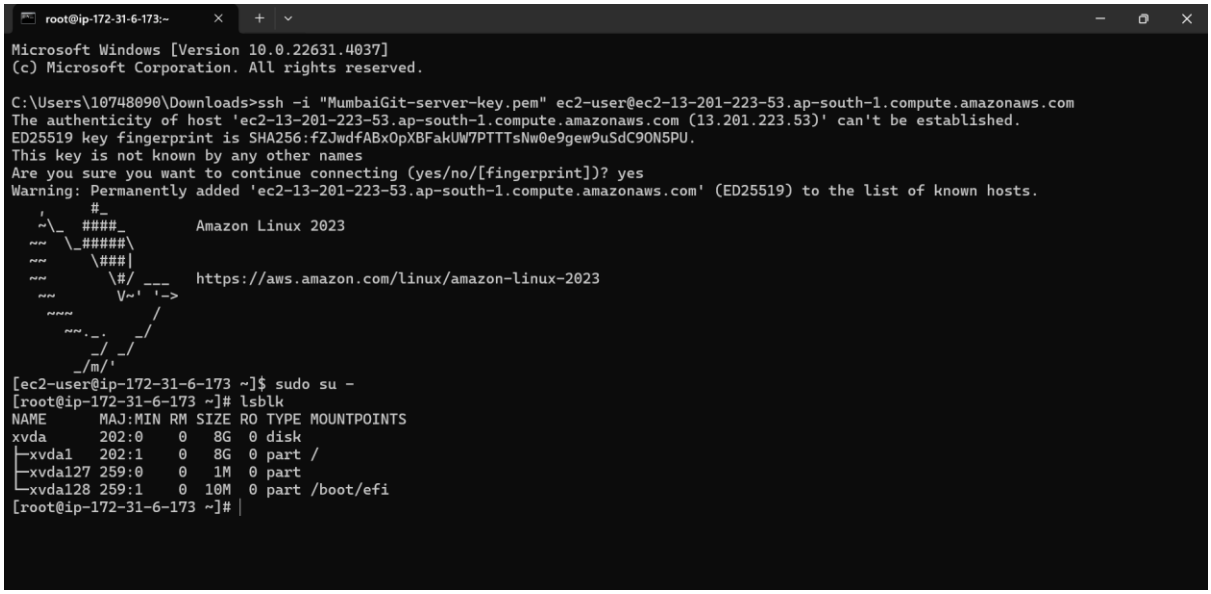
Create one instance and Connect that



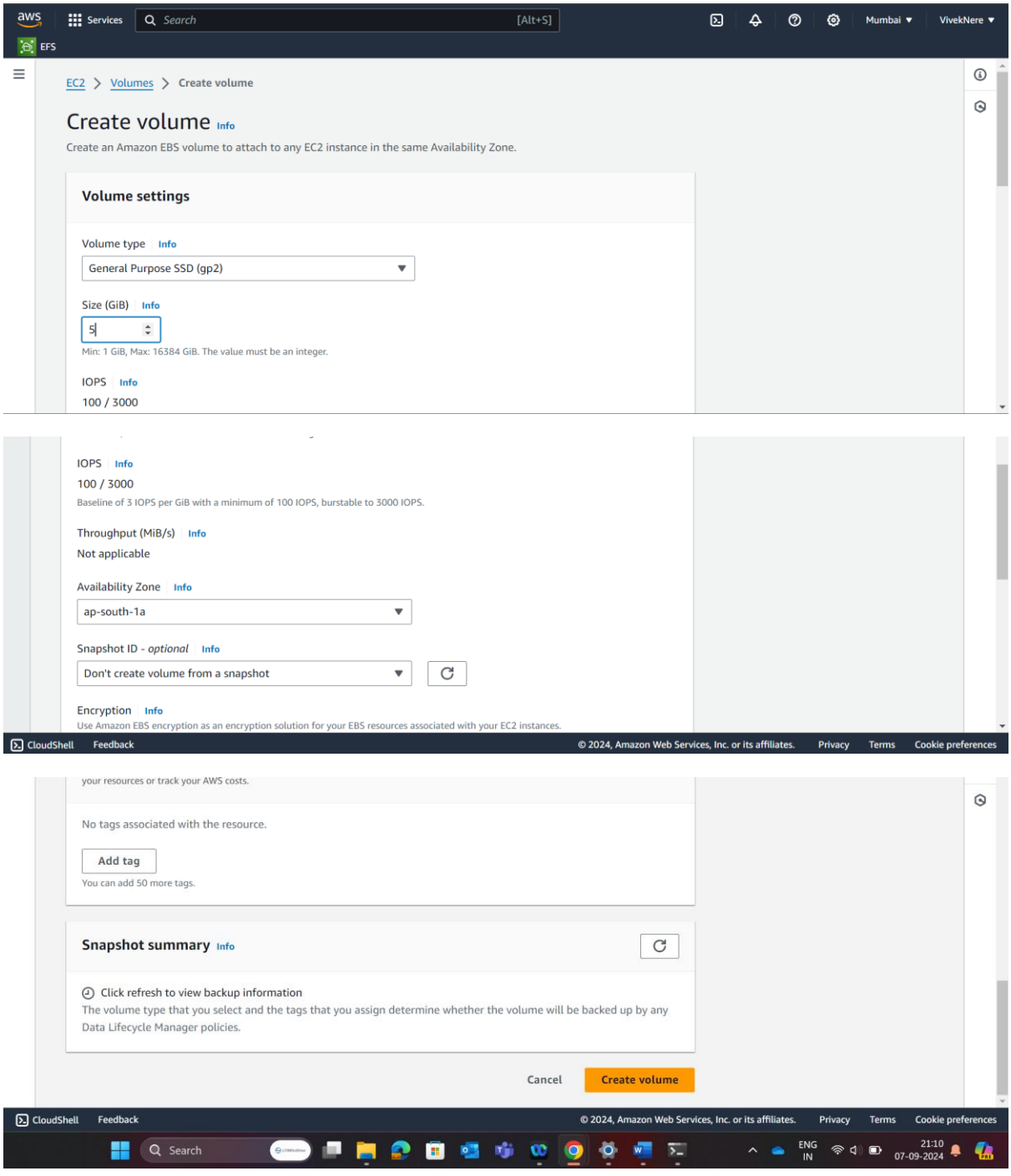
Go to root user and we can see there is no EBS volume is attach to the instance right now:

Sudo su –

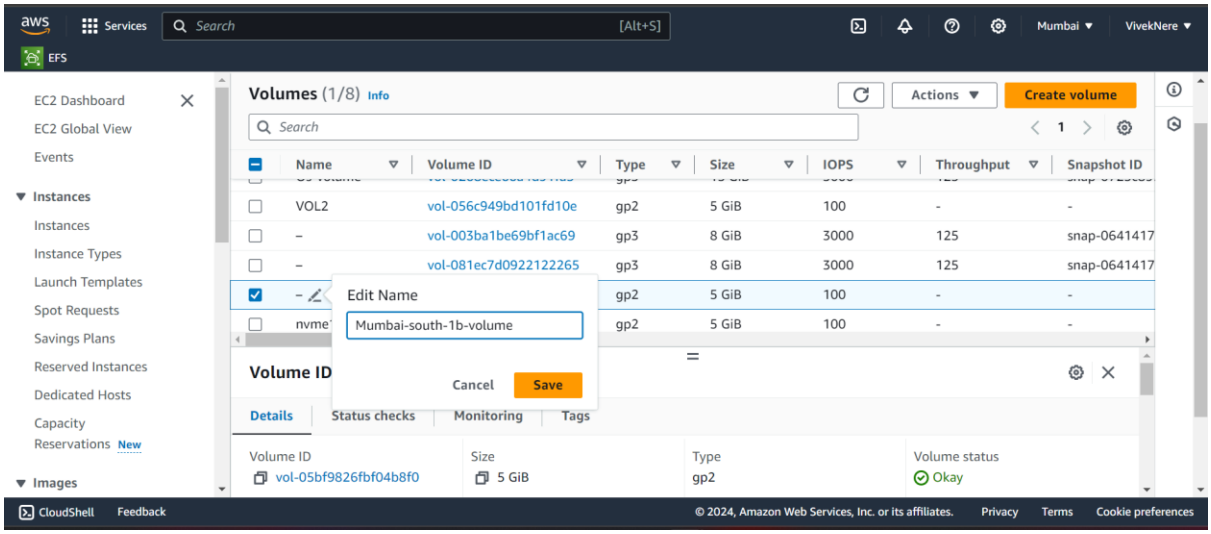
lsblk

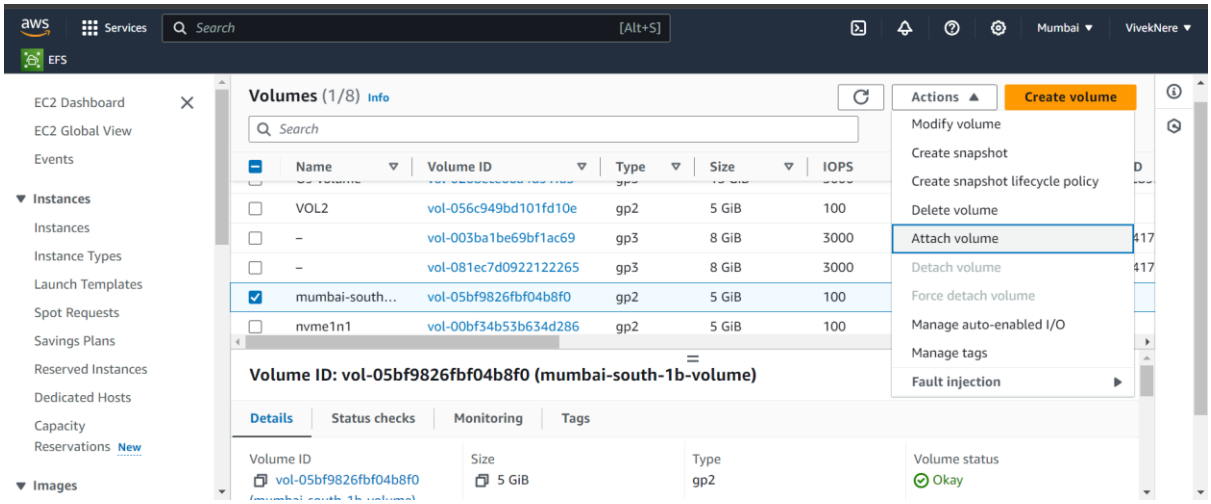


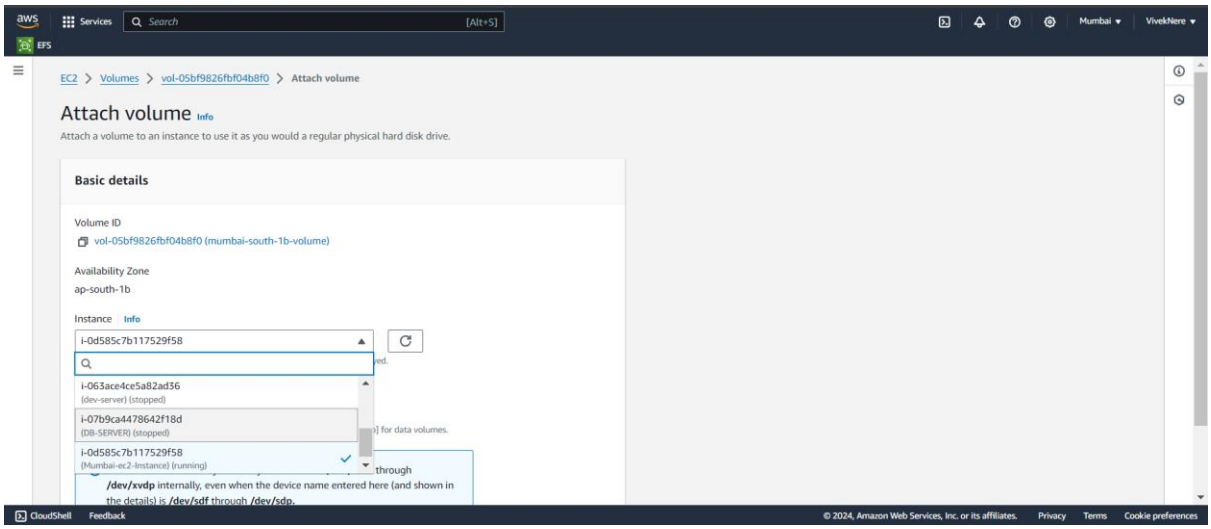
To attach volume we need to first create it. For that click on volume and then click on create volume then select the volume type here we selecting GP2 and size we select 5 gb and select the availability zone where your instance is created.My instance is in ap-south-1b region so im selecting ap-south-1b region and then click on create volume.

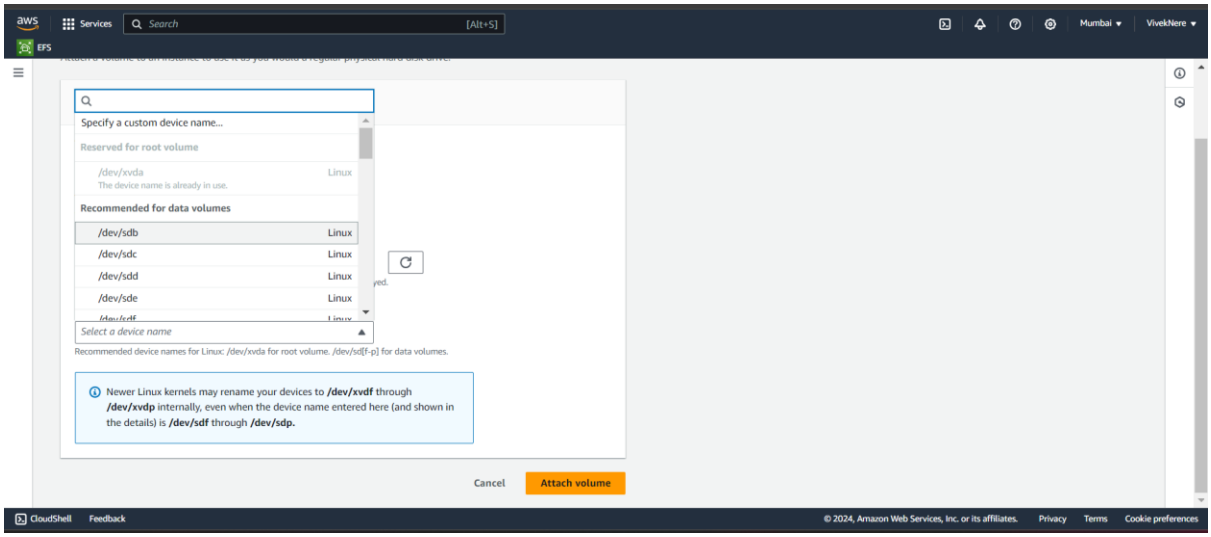


Now rename this volume for our reference.


Volumes (1/8) Info
Actions
Create volume
Edit Name
Mumbai-south-1b-volume
Cancel
Save
Volume ID
Details
Status checks
Monitoring
Tags
Volume ID
vol-05bf9826fbf04b8f0
Size
5 GiB
Type
gp2
Volume status
Okay

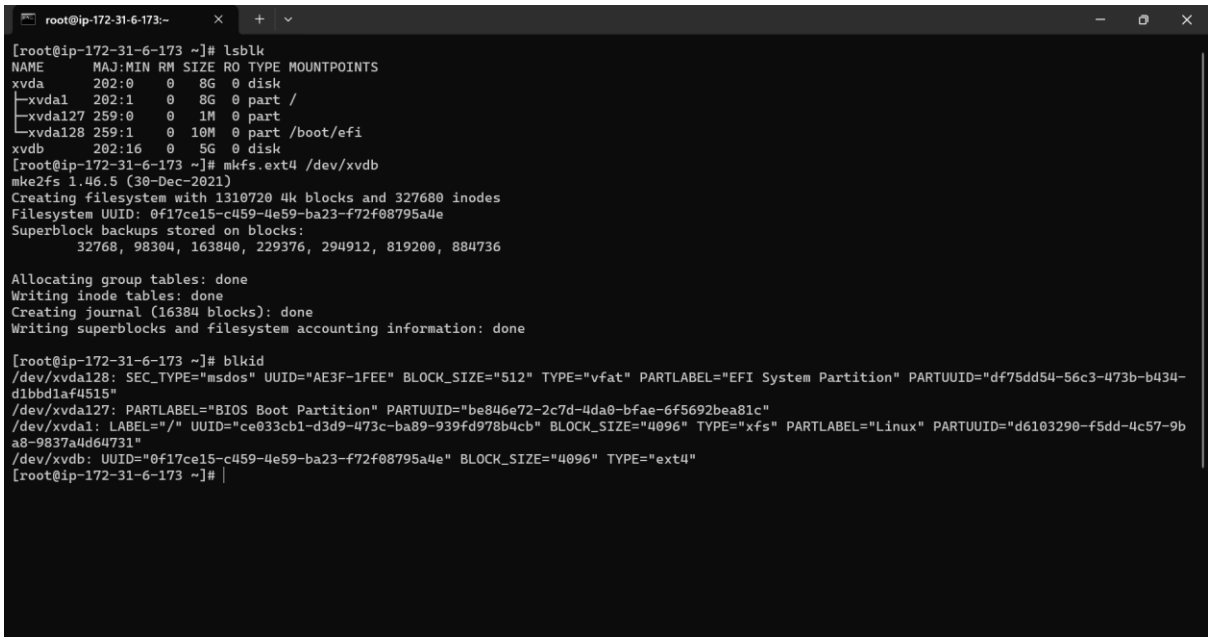

Volumes (1/8) Info
Actions
Create volume
Modify volume
Create snapshot
Create snapshot lifecycle policy
Delete volume
Attach volume
Detach volume
Force detach volume
Manage auto-enabled I/O
Manage tags
Fault injection
Volume ID: vol-05bf9826fbf04b8f0 (mumbai-south-1b-volume)
Details
Status checks
Monitoring
Tags


EC2 > Volumes > vol-05bf9826fbf04b8f0 > Attach volume
Attach volume Info
Attach a volume to an instance to use it as you would a regular physical hard disk drive.
Basic details
Volume ID
vol-05bf9826fbf04b8f0 (mumbai-south-1b-volume)
Availability Zone
ap-south-1b
Instance Info
i-0d585c7b117529f58
i-063ace4ce5a82ad36
(dev-server) (stopped)
i-07b9ca4478642f18d
(DB-SERVER) (stopped)
i-0d585c7b117529f58
(Mumbai-ec2-Instance) (running)



Now we have to creates a file system on our machine for that we use

mkfs.ext4 /dev/xvdb command

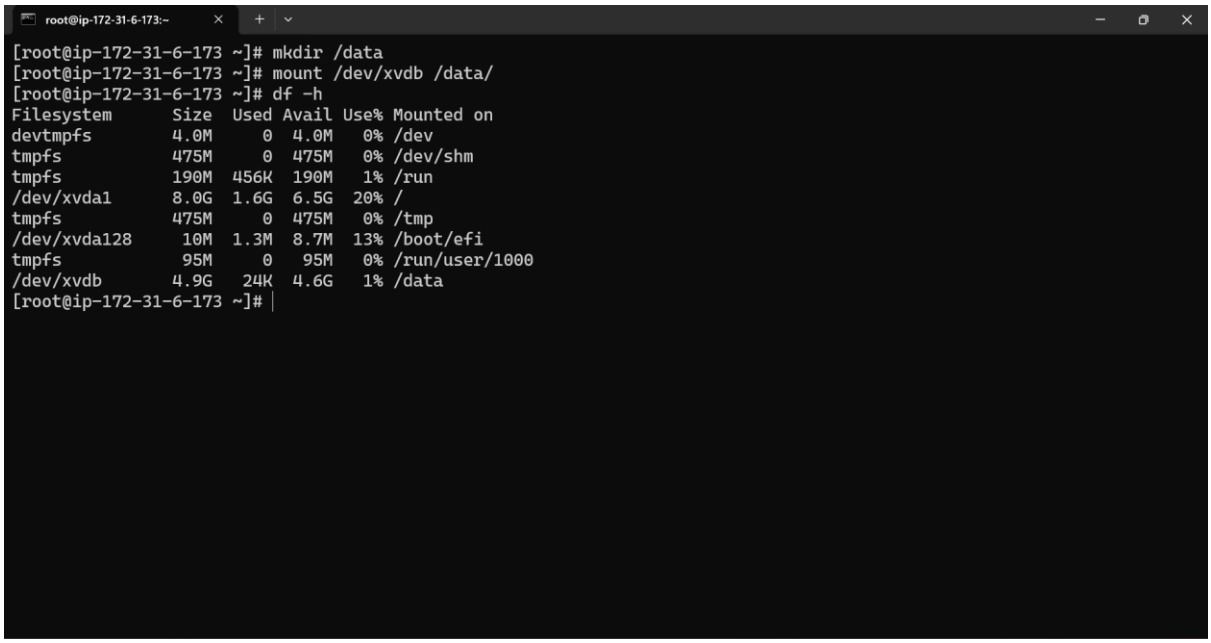


Now we have to mount our disk in a specific folder so we need to create one folder name as data and Now we want to mount a disk to the data folder.

mkdir /data

mount /dev/xvdb /data/

df -h

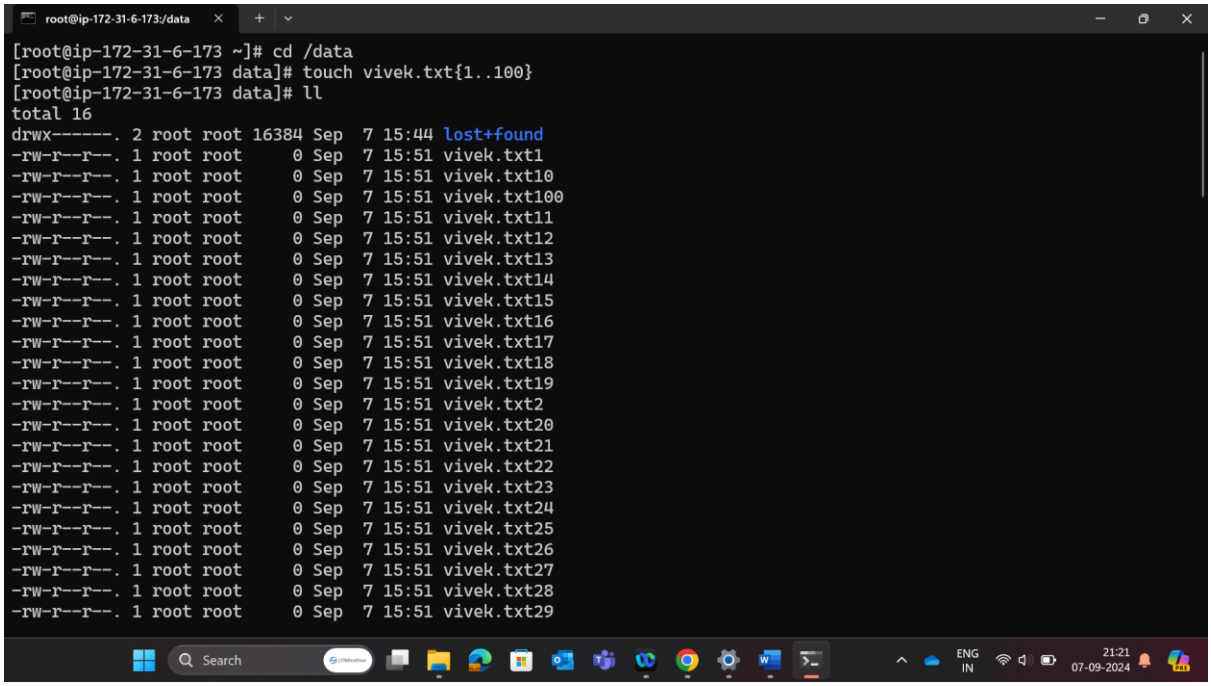


Our disk is successfully mount to the data folder now we need to create some sample data file in data folder.

cd /data

touch Vivek.txt{1..100}

ll



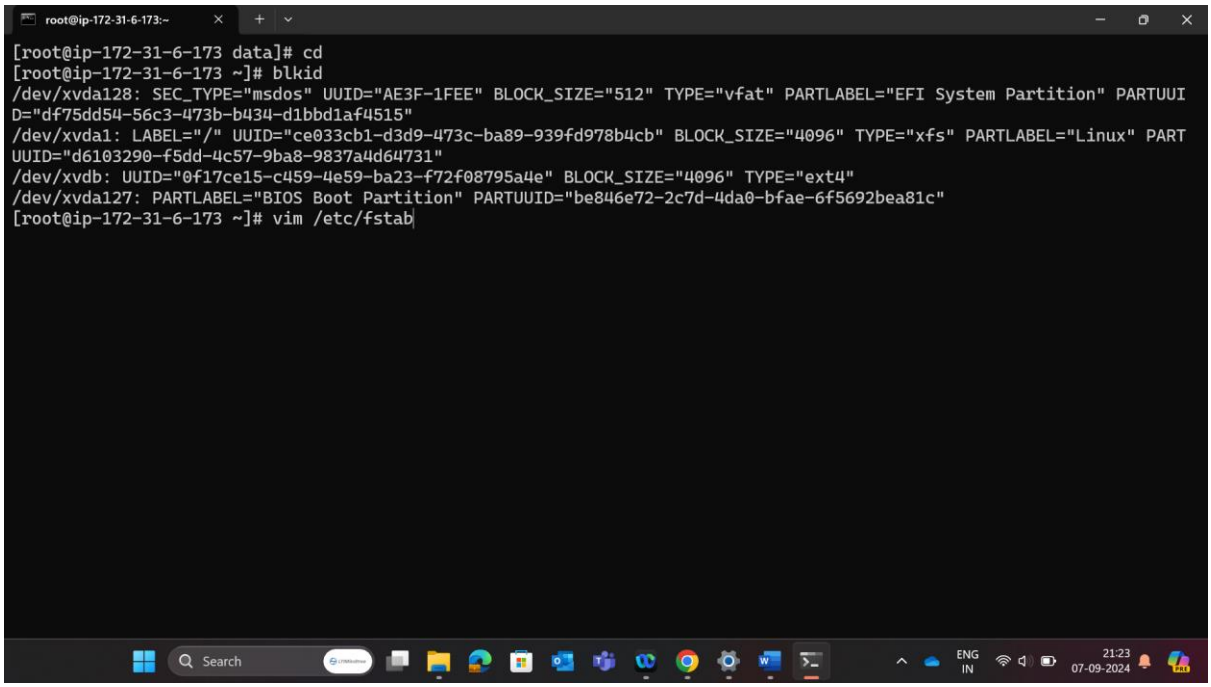
Now we have to copy the UUID of xvdb disk in fstab file to store our data permanently because if we reboot our machine now it will erase the data but once we save UUID in fstab file then it will never remove data from disk.

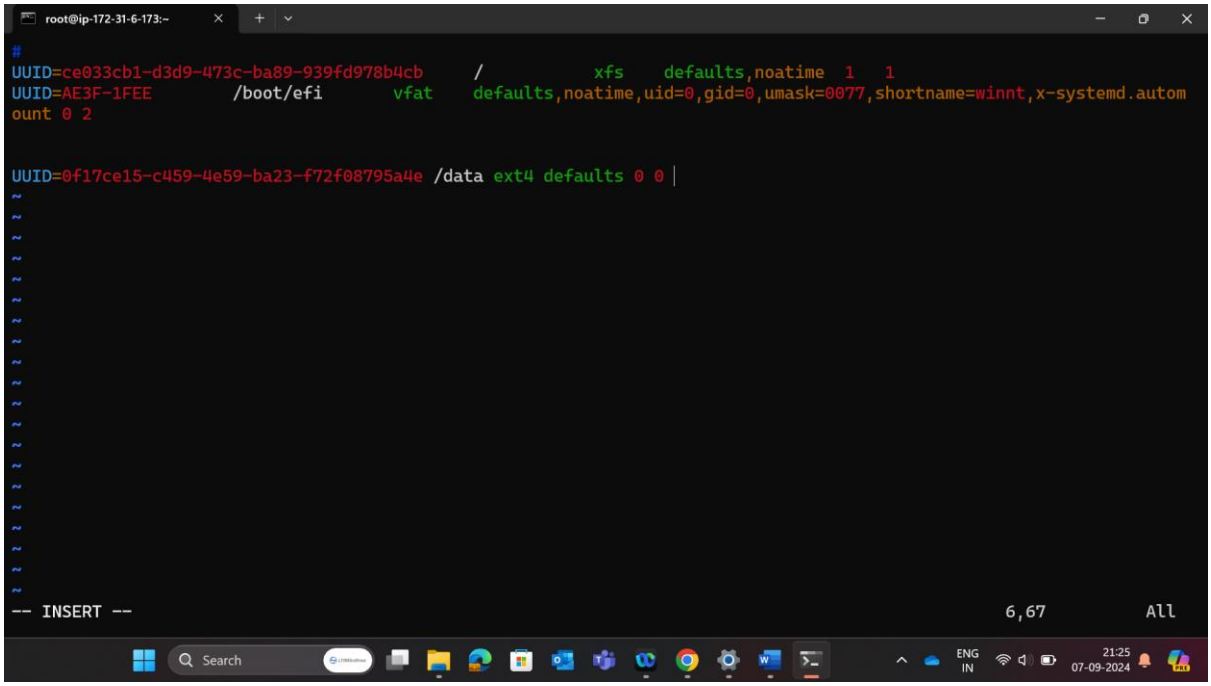
cd

blkid

vim /etc/fstab

UUID= /data ext4 defaults 0 0





Even after system reboot our files are saved.