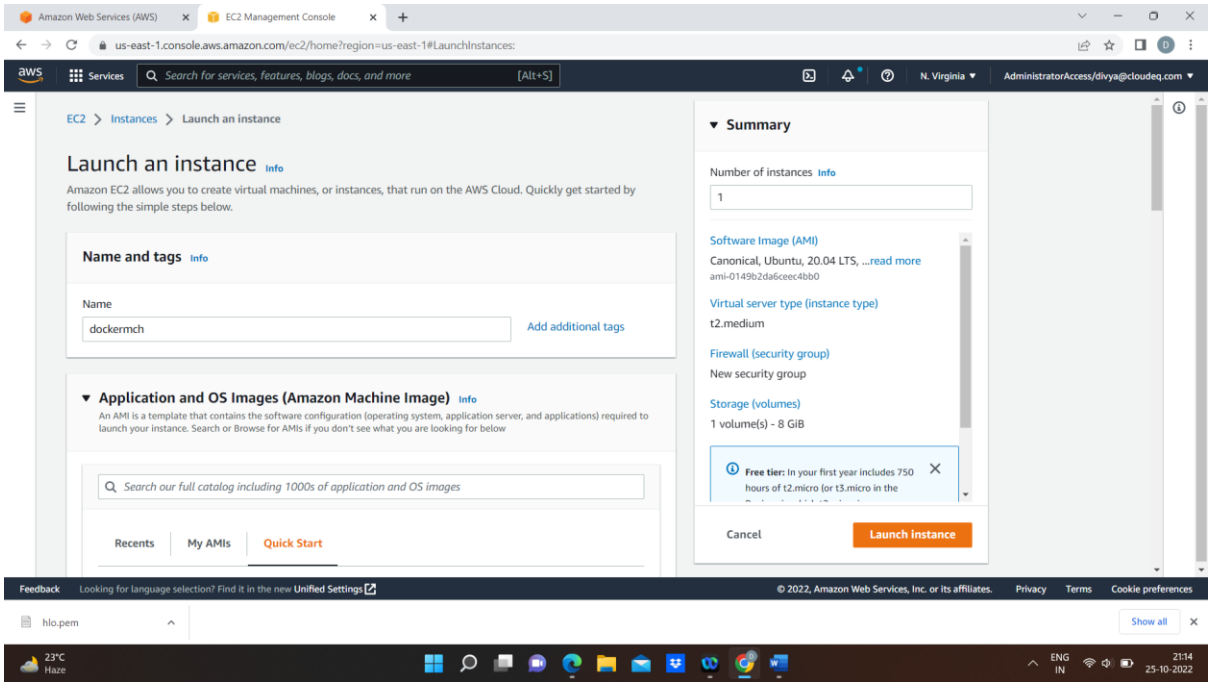
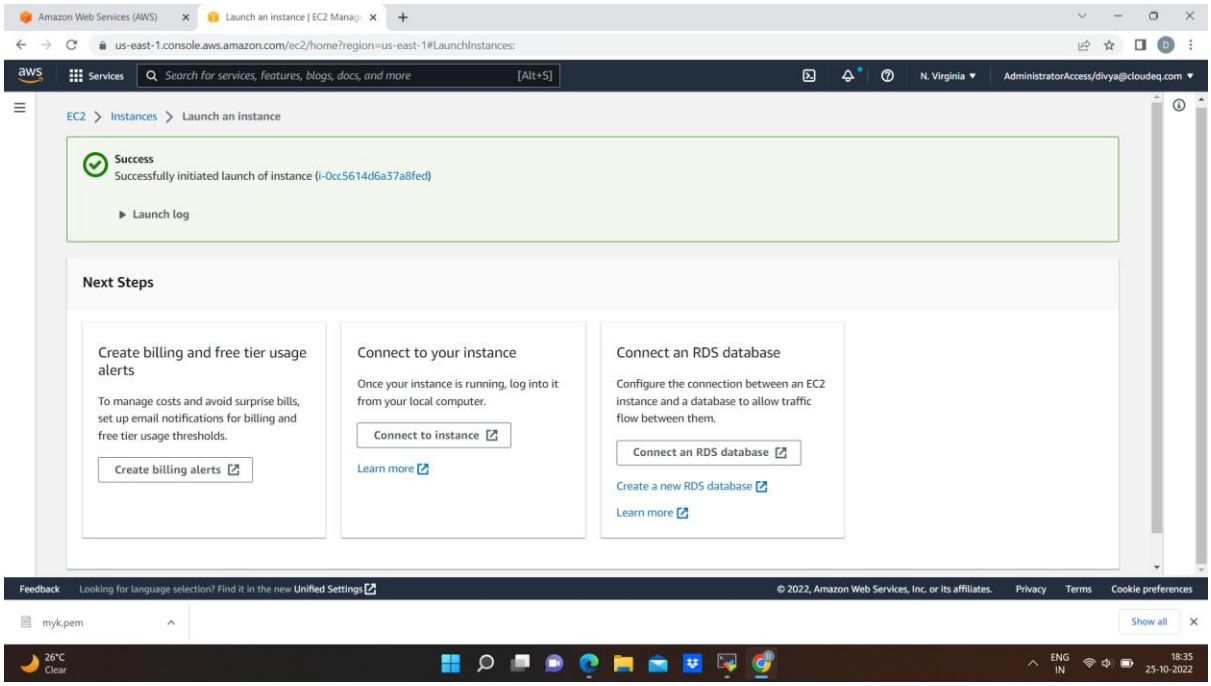
Sprint5(Day3 assignment)

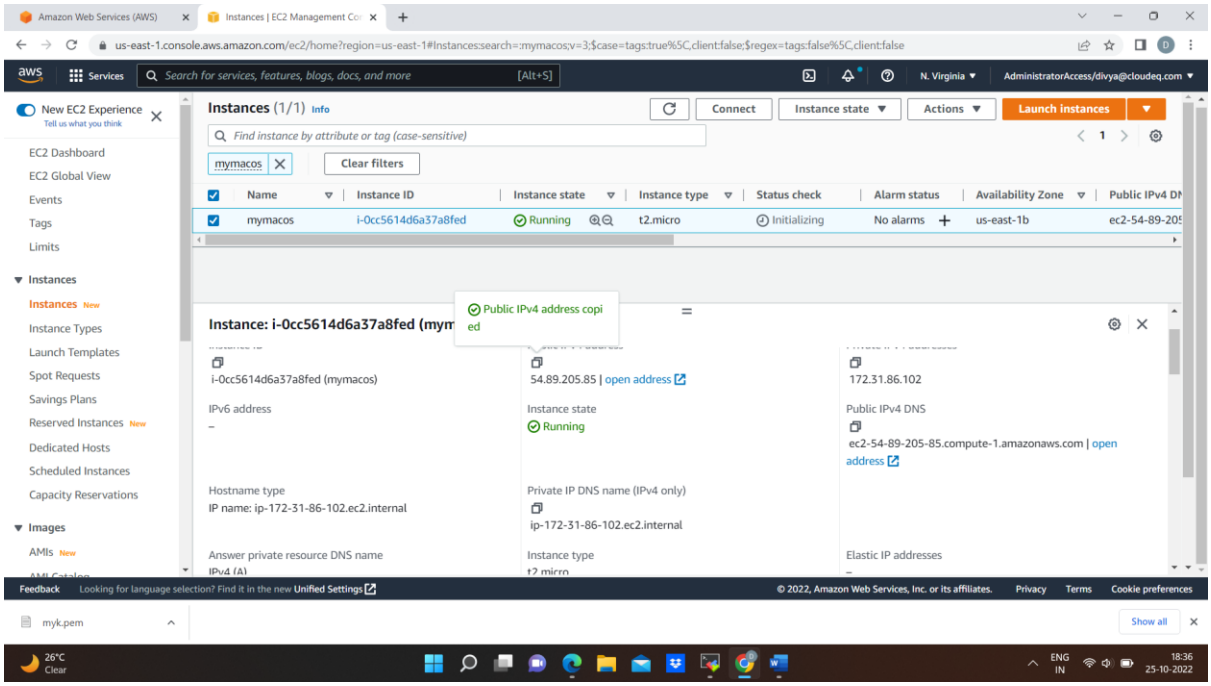
1)firstly I am creating one ec2 instance named dockermach and select the image as ubuntu and instance type is t2.medium then create the key and also you can select the existing key



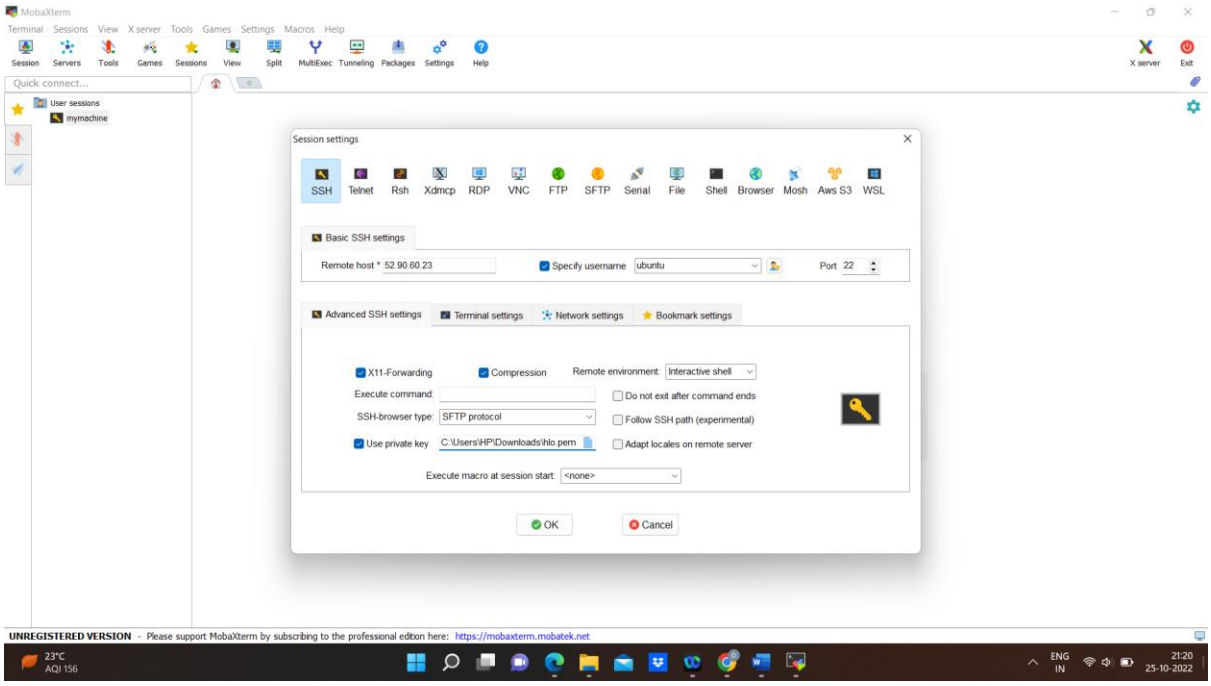
2)Then click on launch instance my instance is successfully launched



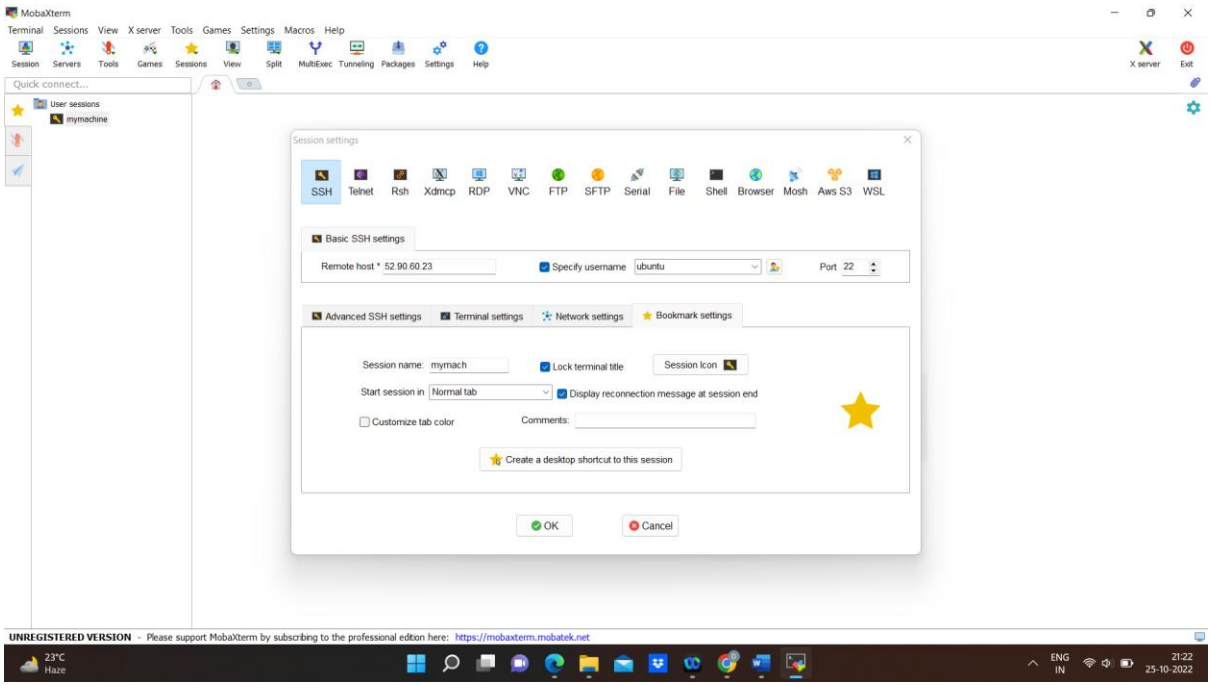
2)then I copy the public Ip address from the instance



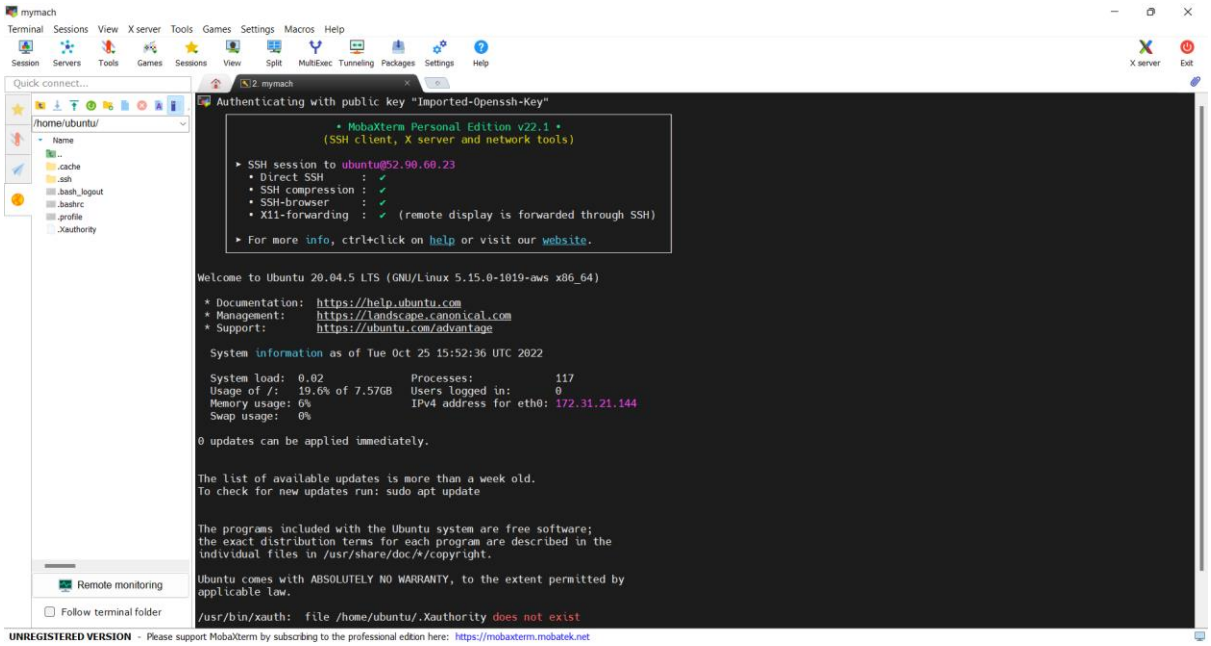
3)Then we paste the public IP address in the remote host in Moboxterm and give the username Then we select the key from the downloads in the Advanced SSH settings



4)Then we give the session name under the bookmark settings



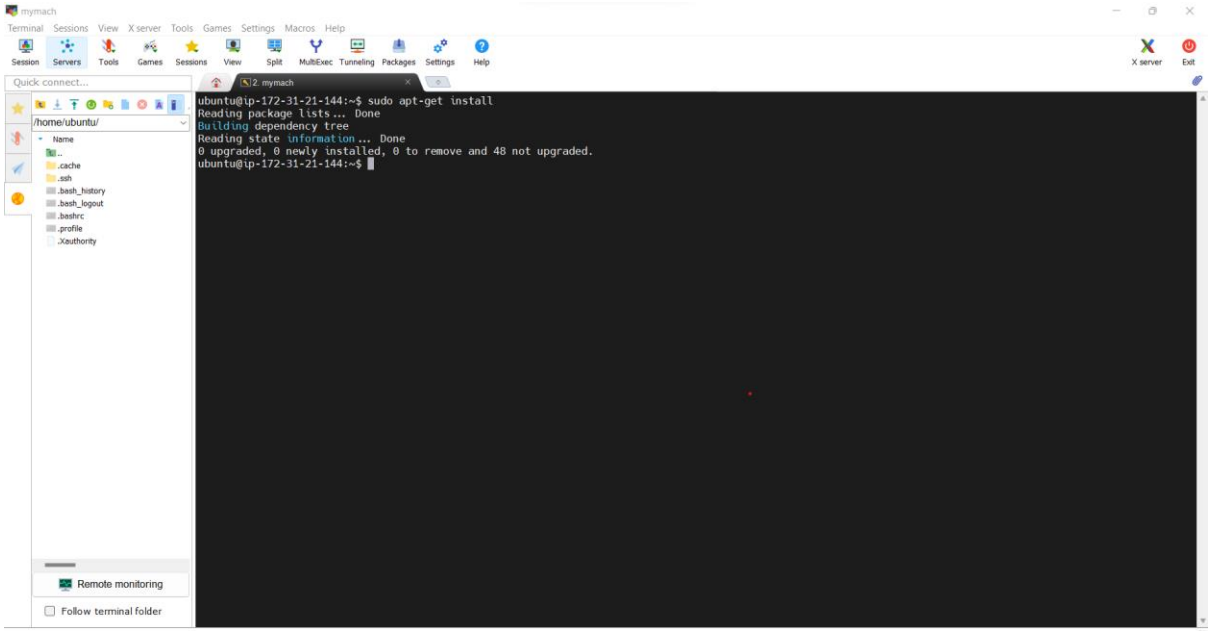
5)Then click on ok button our session will be created



Commands

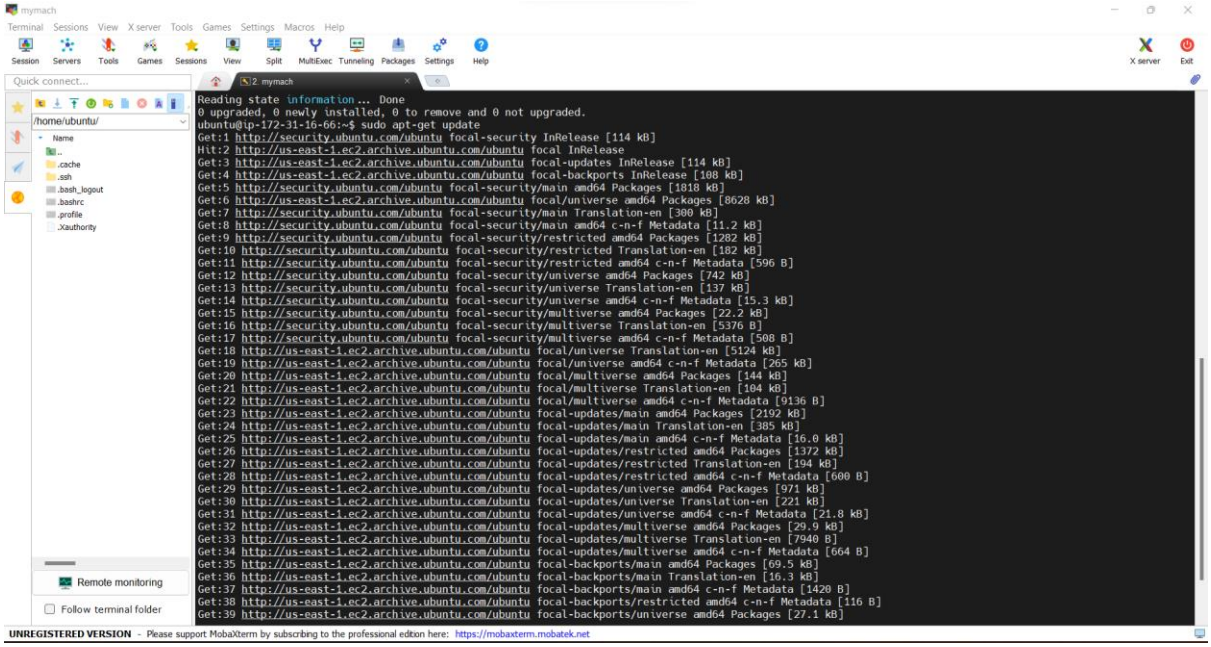
1)To install the docker

sudo apt-get install



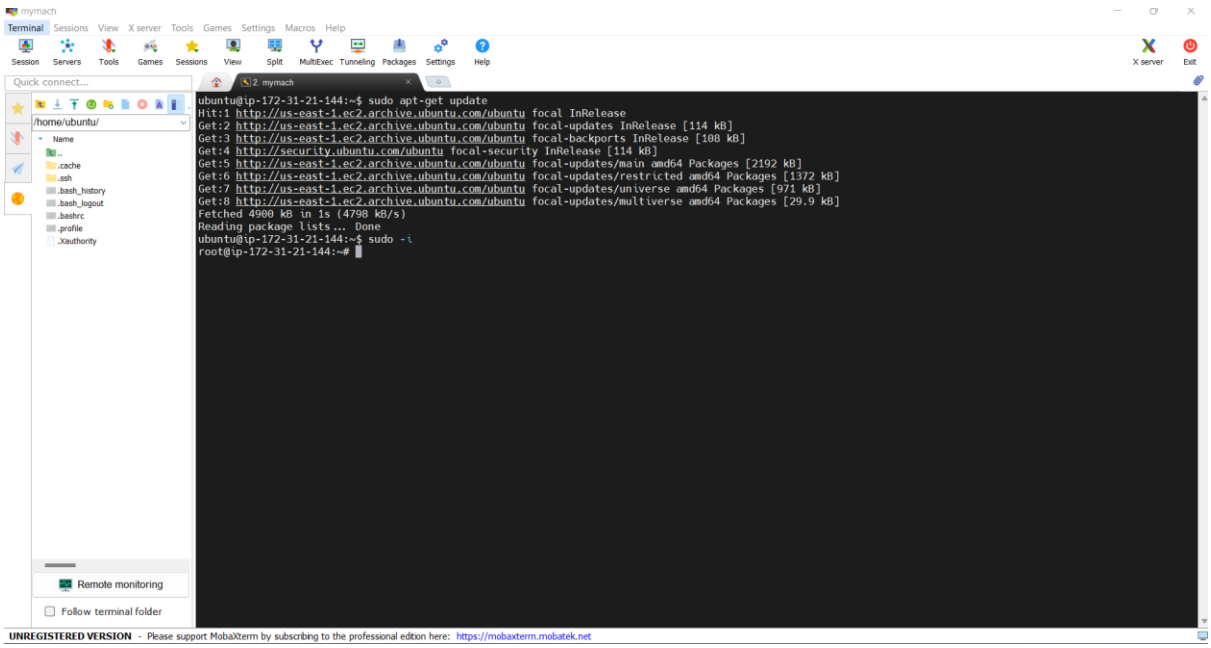
2) To update the docker

sudo apt-get update



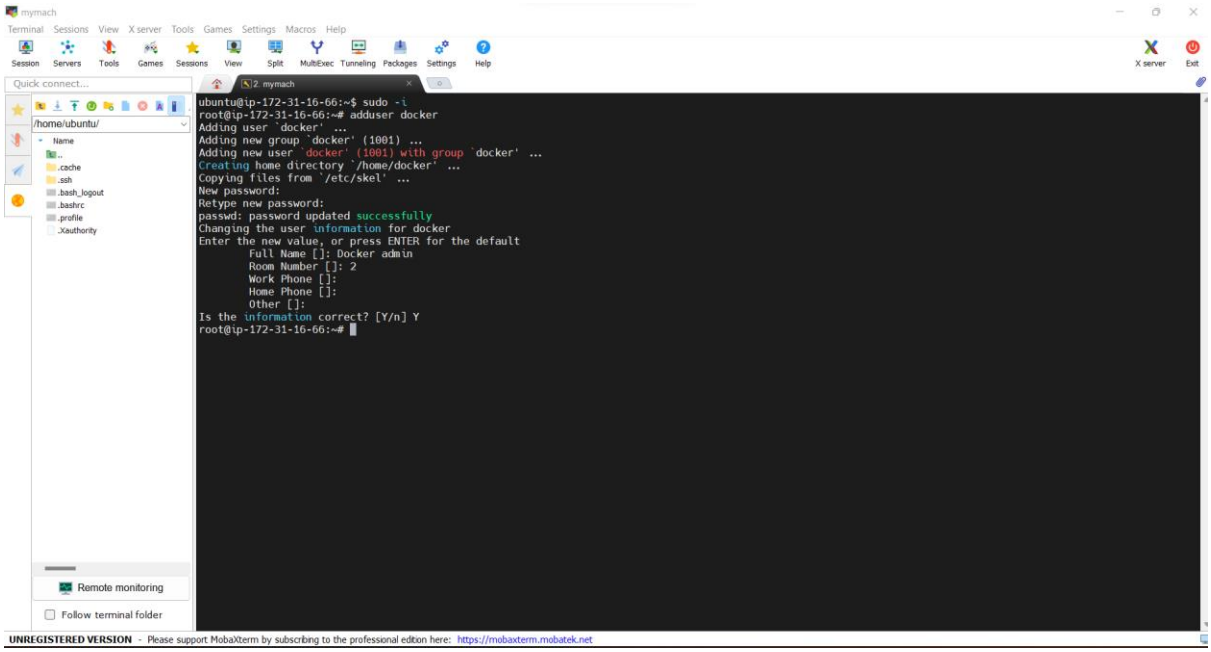
3)To Make our docker root user

sudo -i



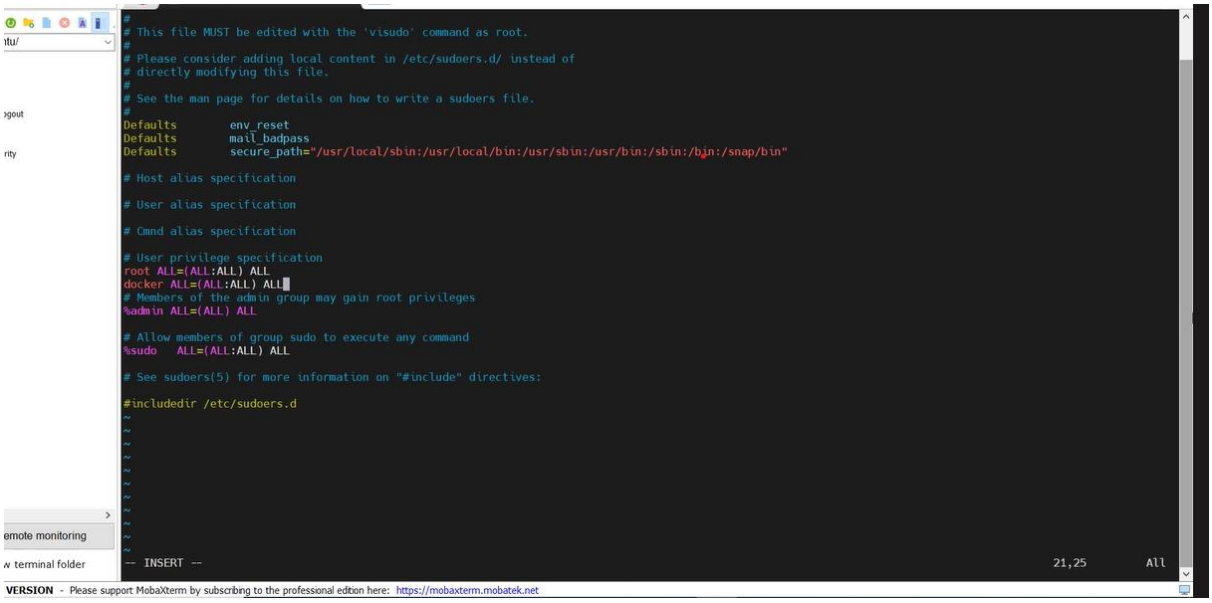
4) To add a user

adduser docker



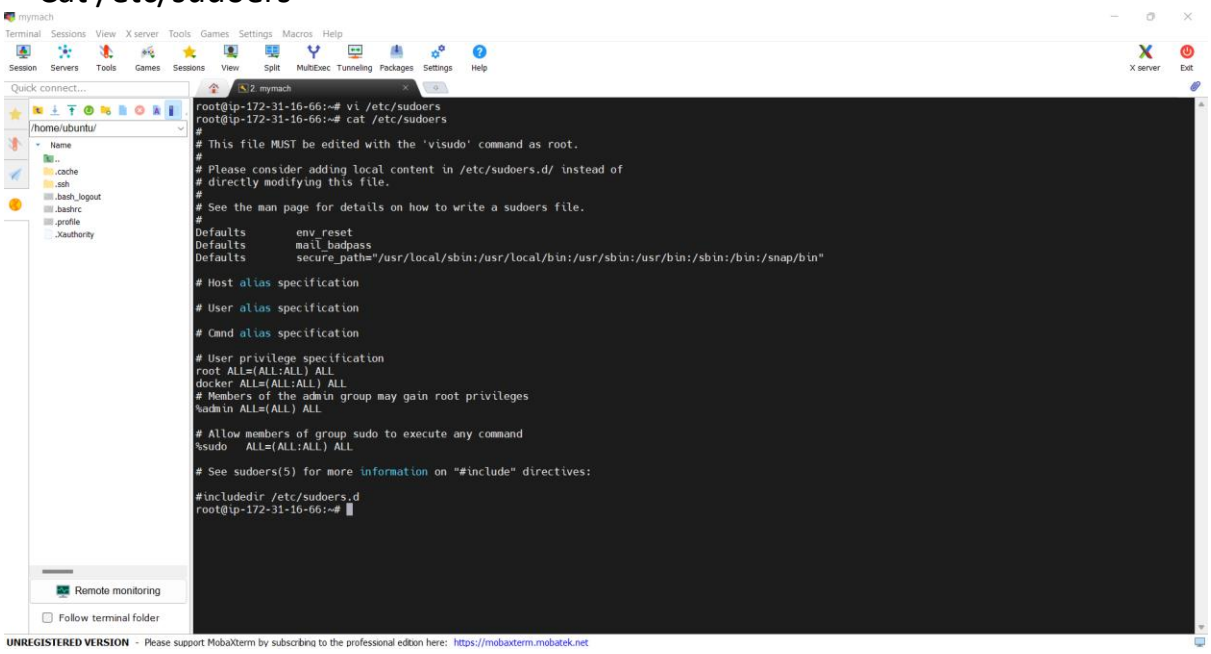
5) To give the root permissions

vi /etc/sudoers



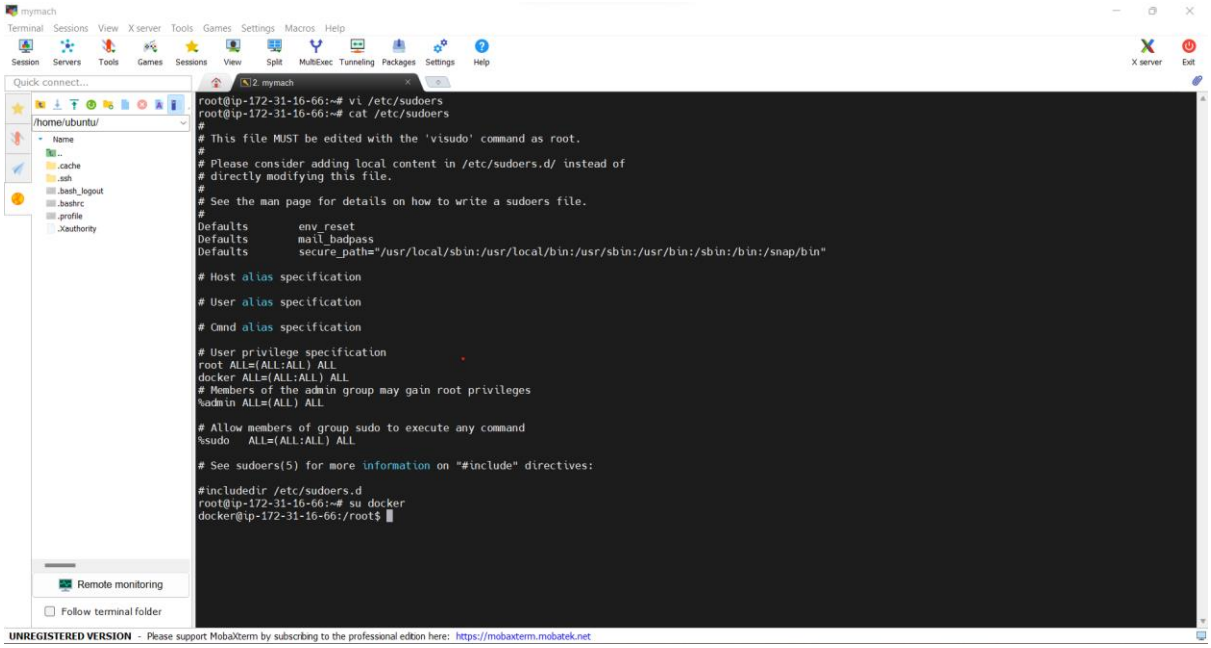
6)To see the permissions

Cat /etc/sudoers



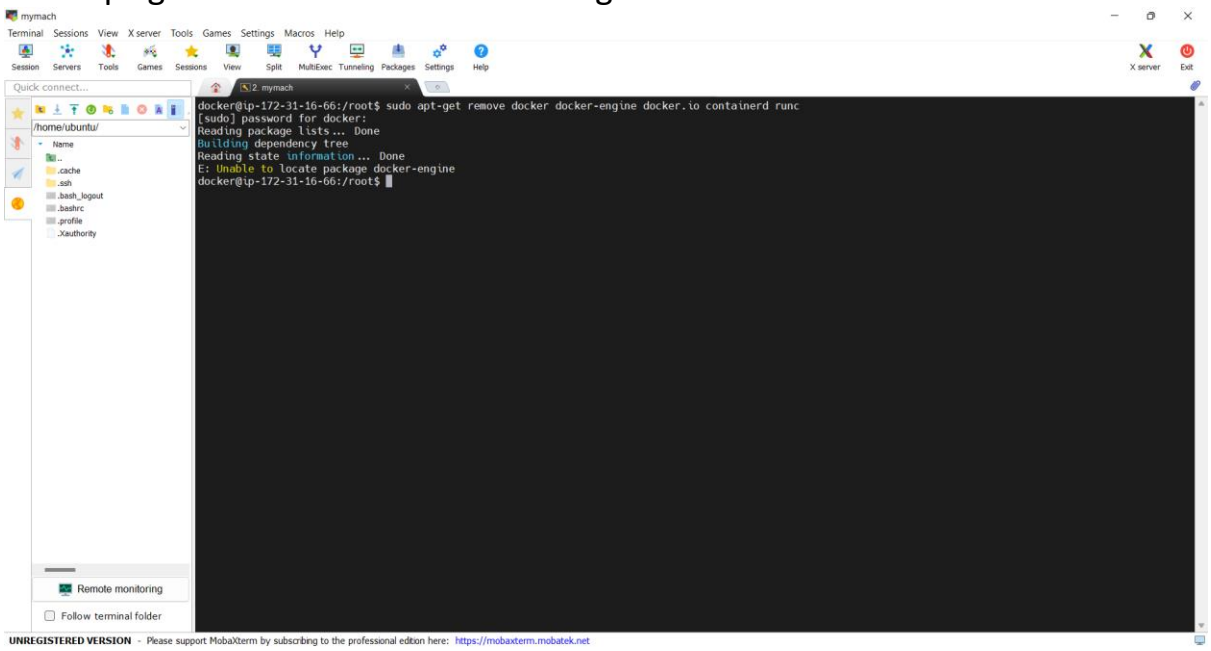
To check it is working or not

su docker



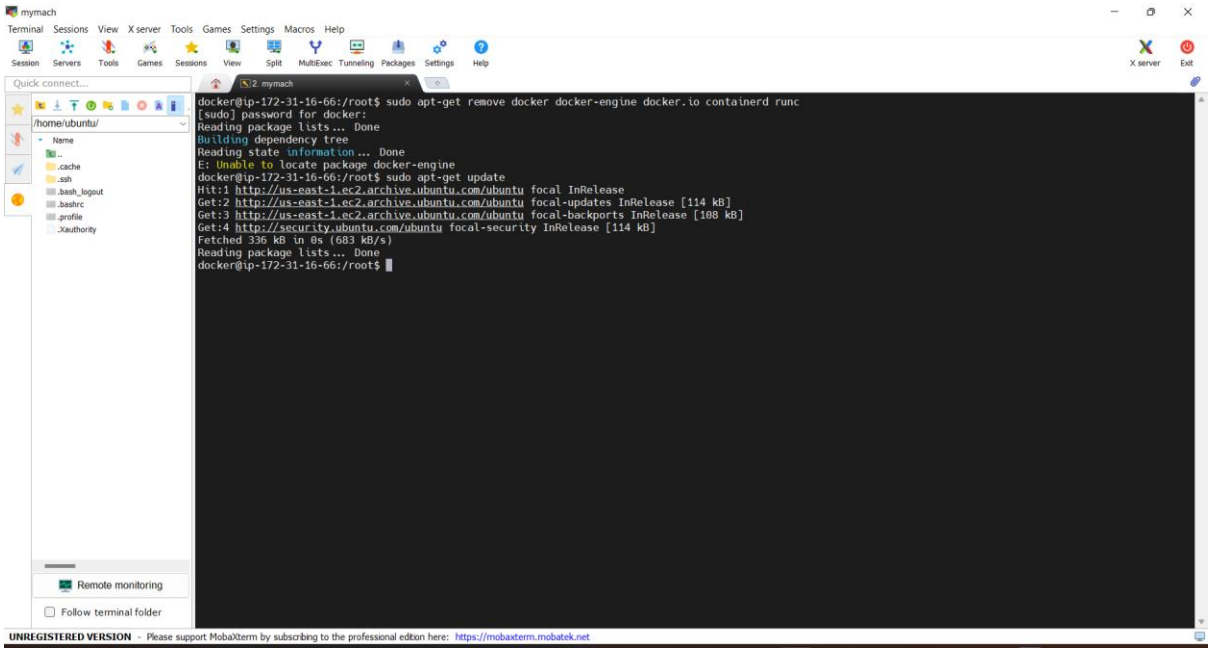
7)To uninstall the previous docker machine

sudo apt-get remove docker docker-engine docker.io containerd runc



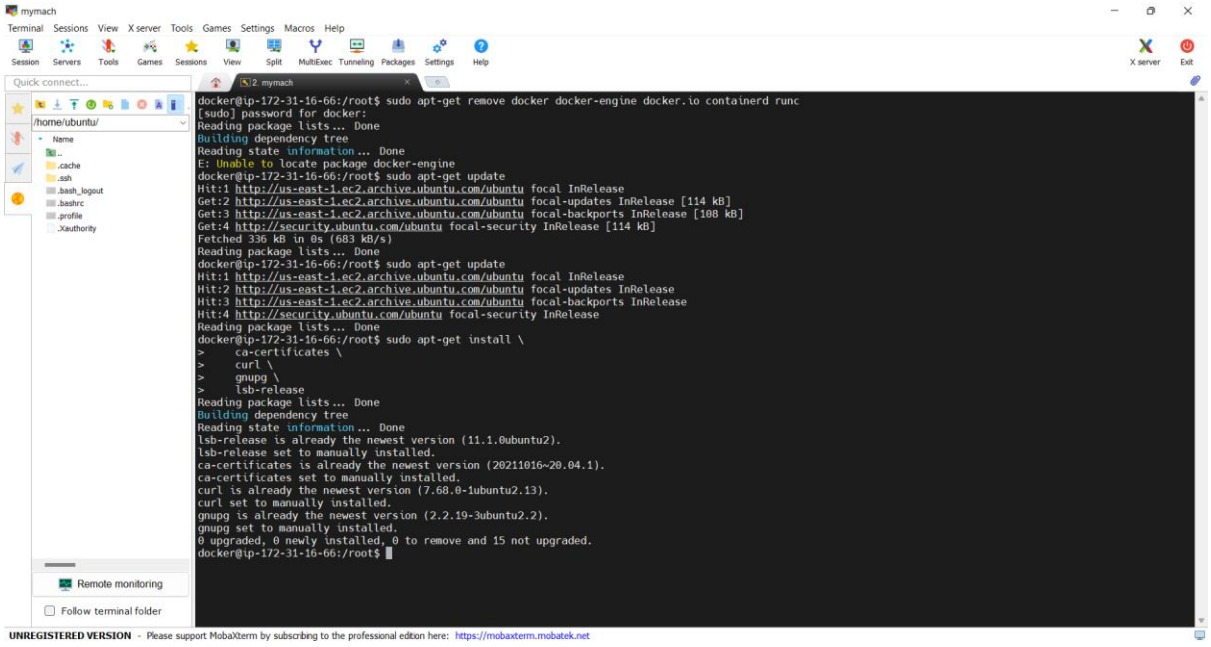
8) first we need to update our box

sudo apt-get update



Now we need a certificate

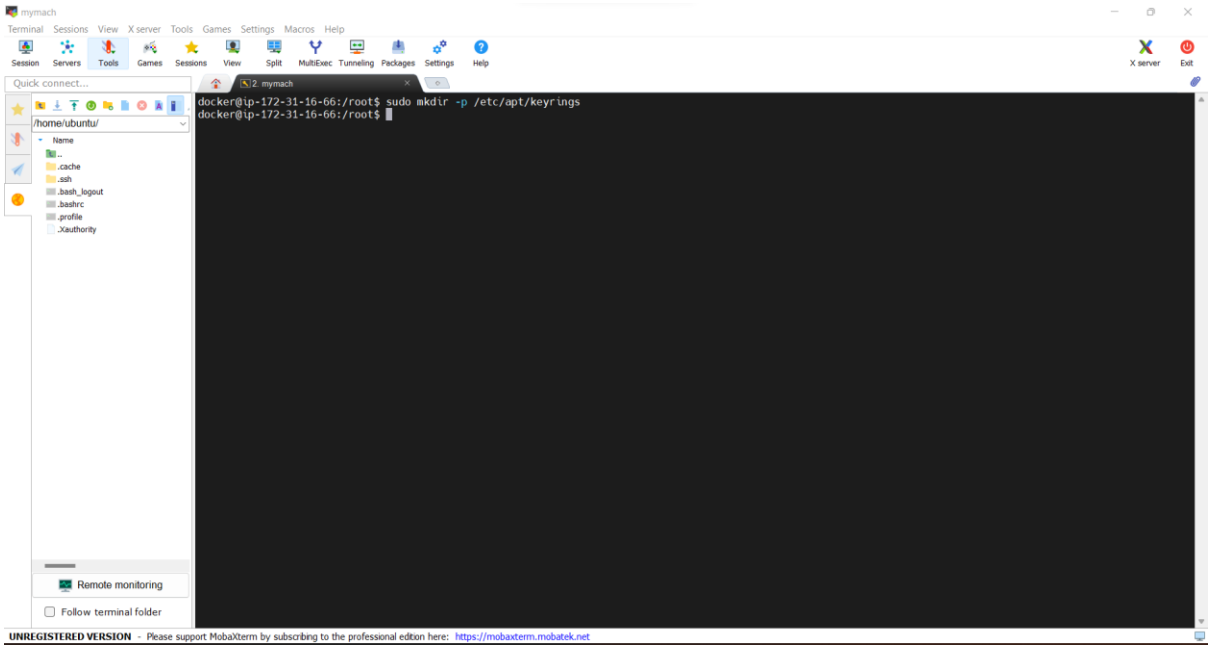
```
sudo apt-get install \
    ca-certificates \
    curl \
    gnupg \
    lsb-release
```

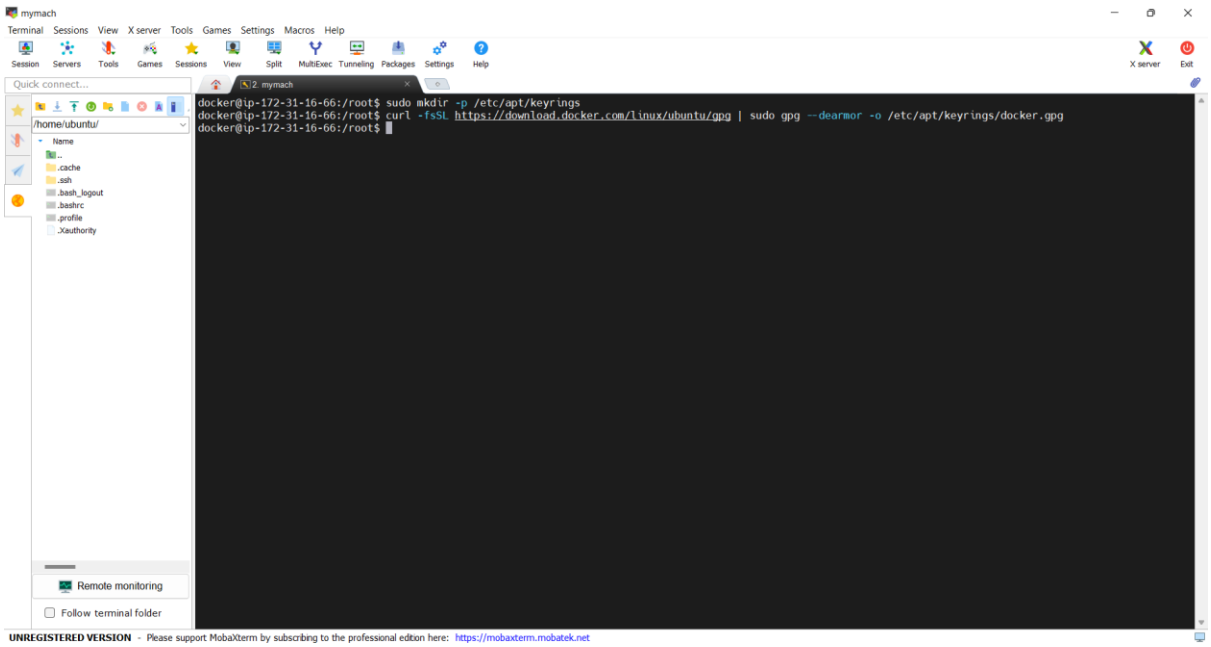


9)To add a docker official GPG key

1)sudo mkdir -p /etc/apt/keyrings

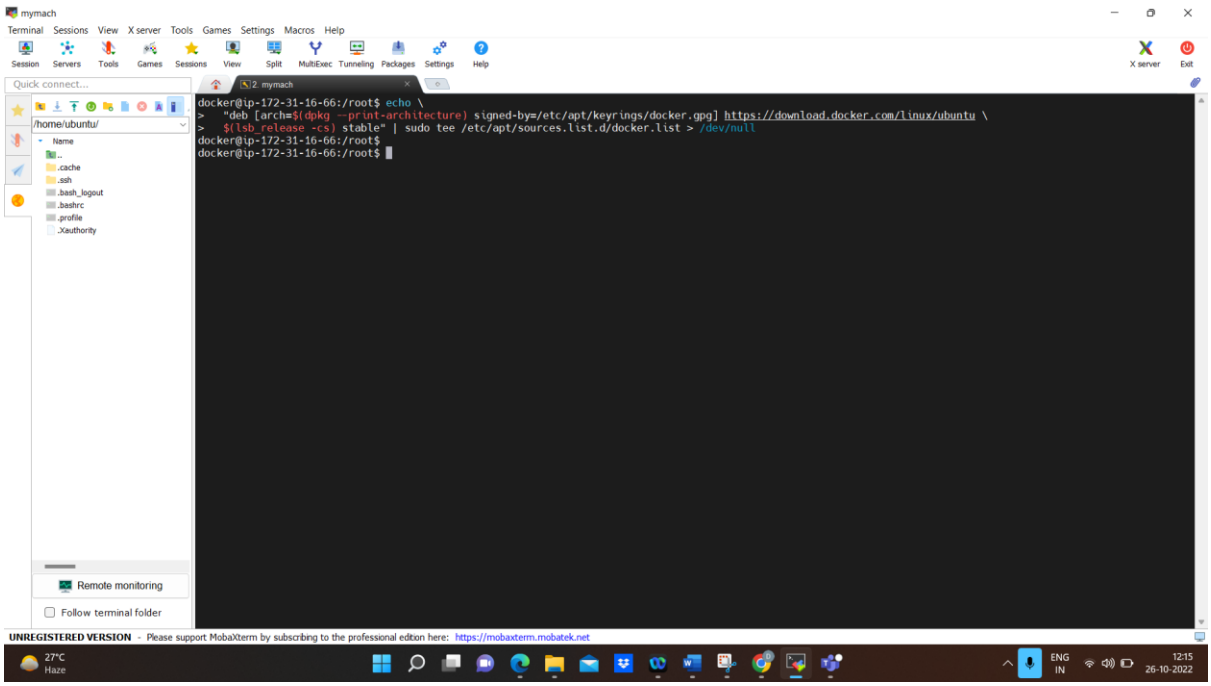
2)curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg





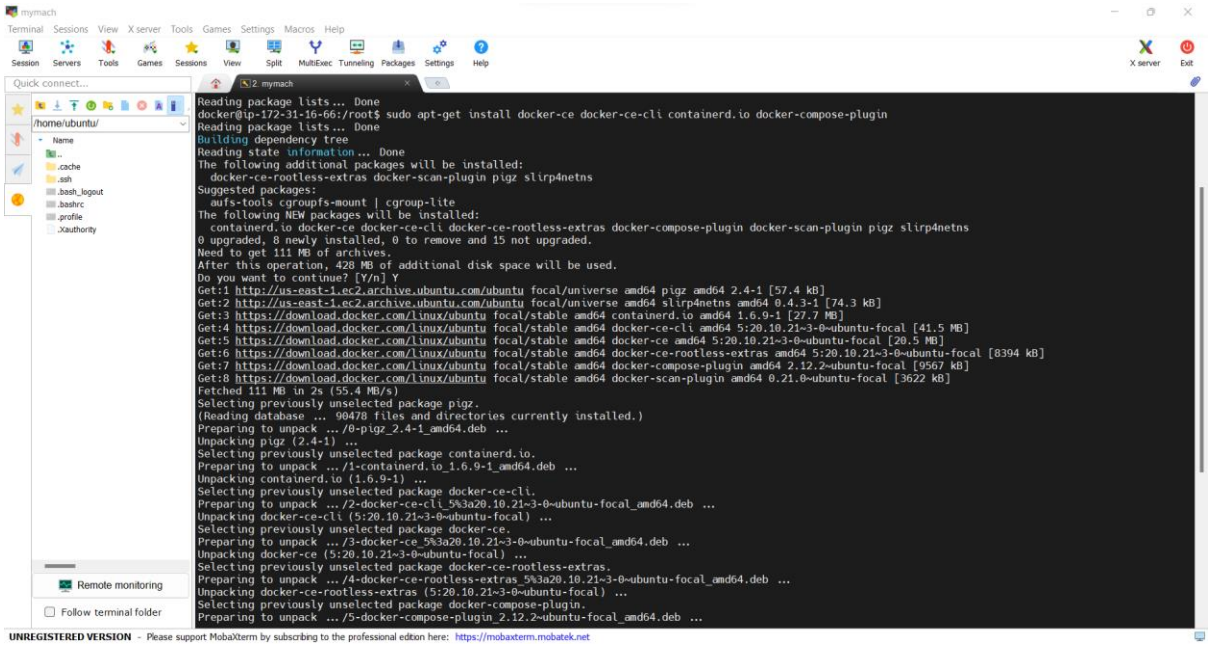
10) To setup the repository

```
echo \
  "deb [arch=$(dpkg --print-architecture) signed-
by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/ubuntu
\
  $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list >
/dev/null
```



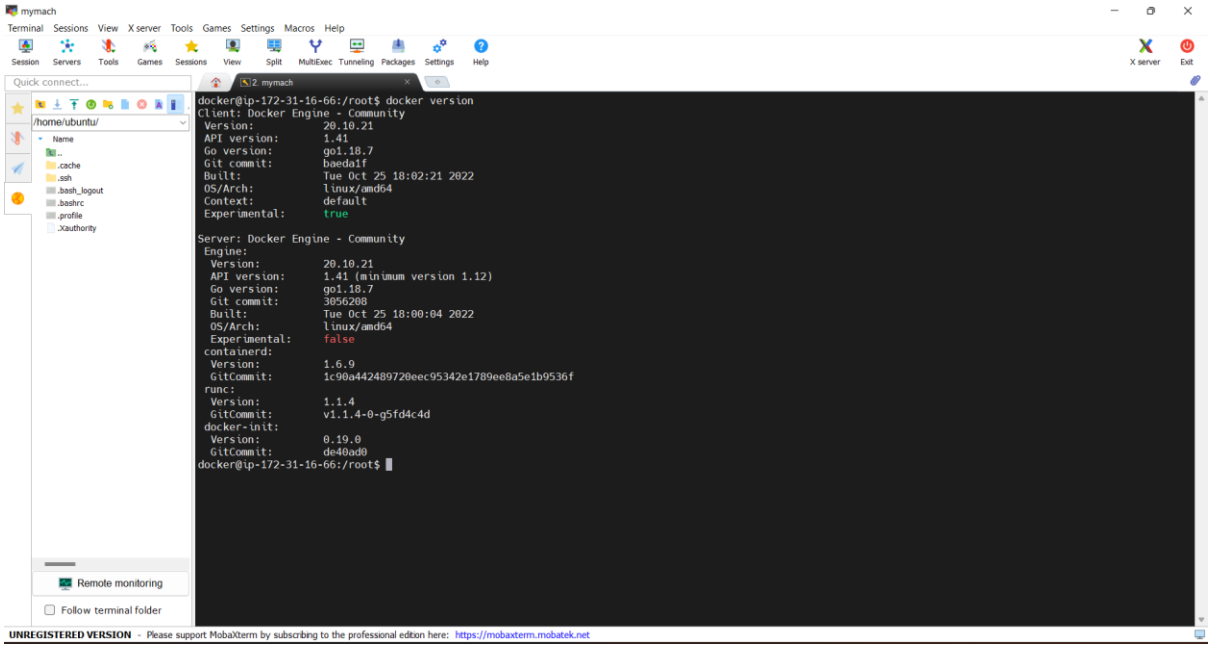
11)To install the latest version

sudo apt-get install docker-ce docker-ce-cli containerd.io docker-compose-plugin



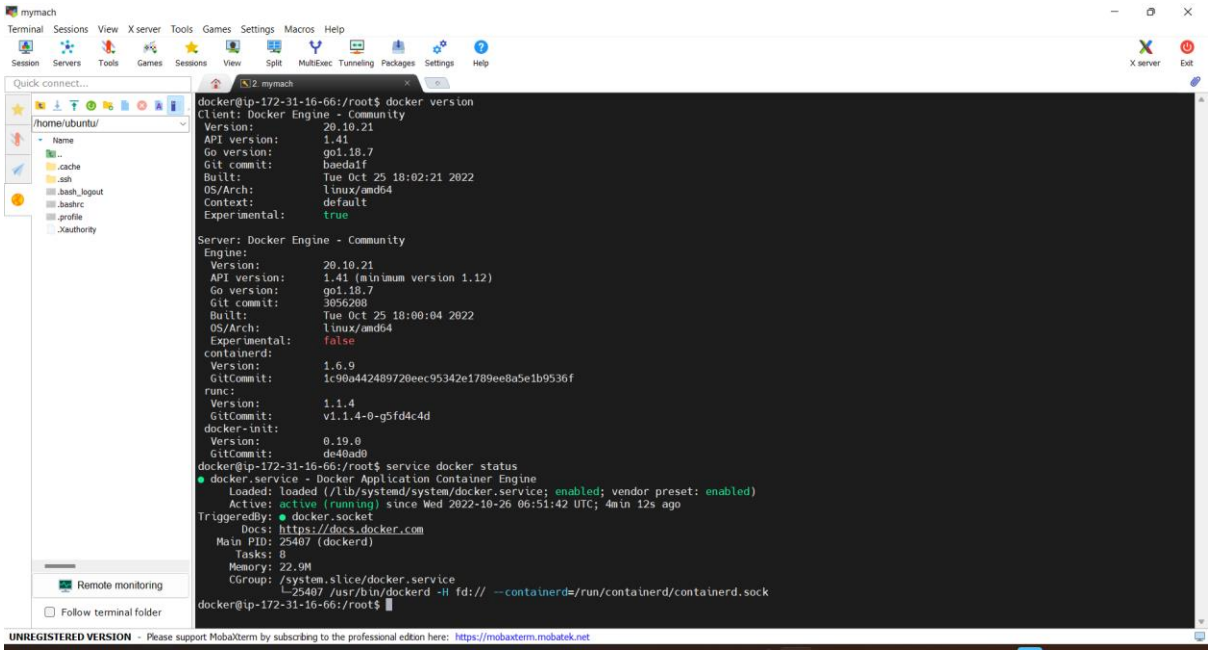
12) To see the docker version

docker version or docker --version



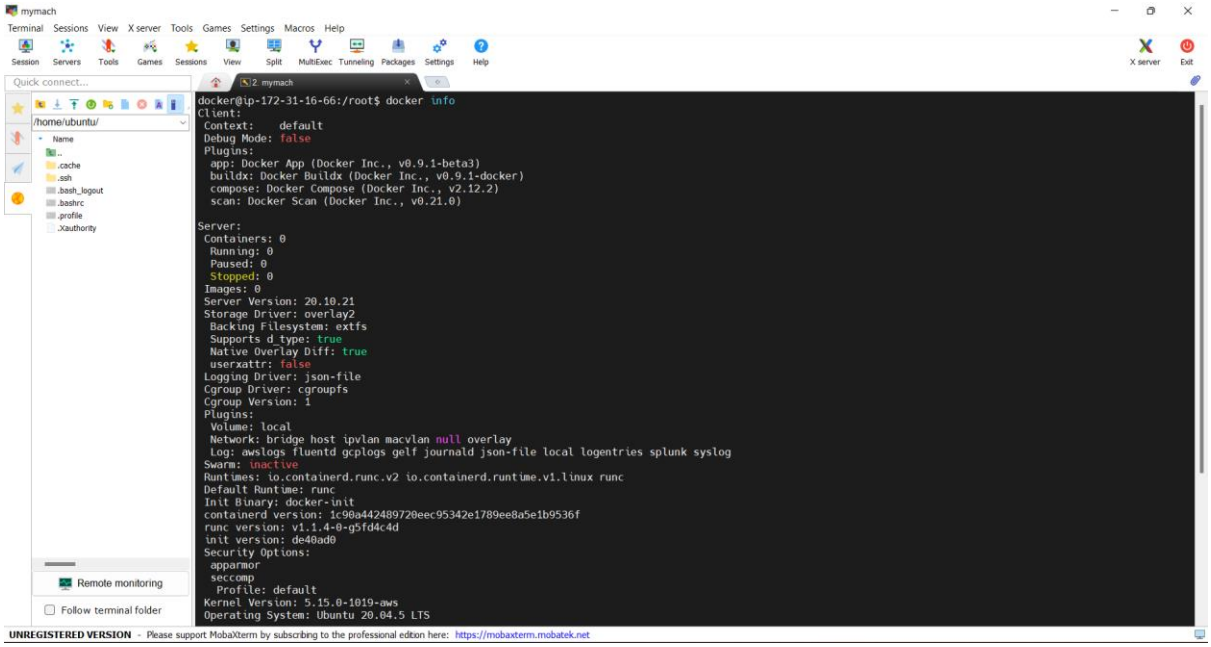
13)To see Docker is working fine or not

service docker status



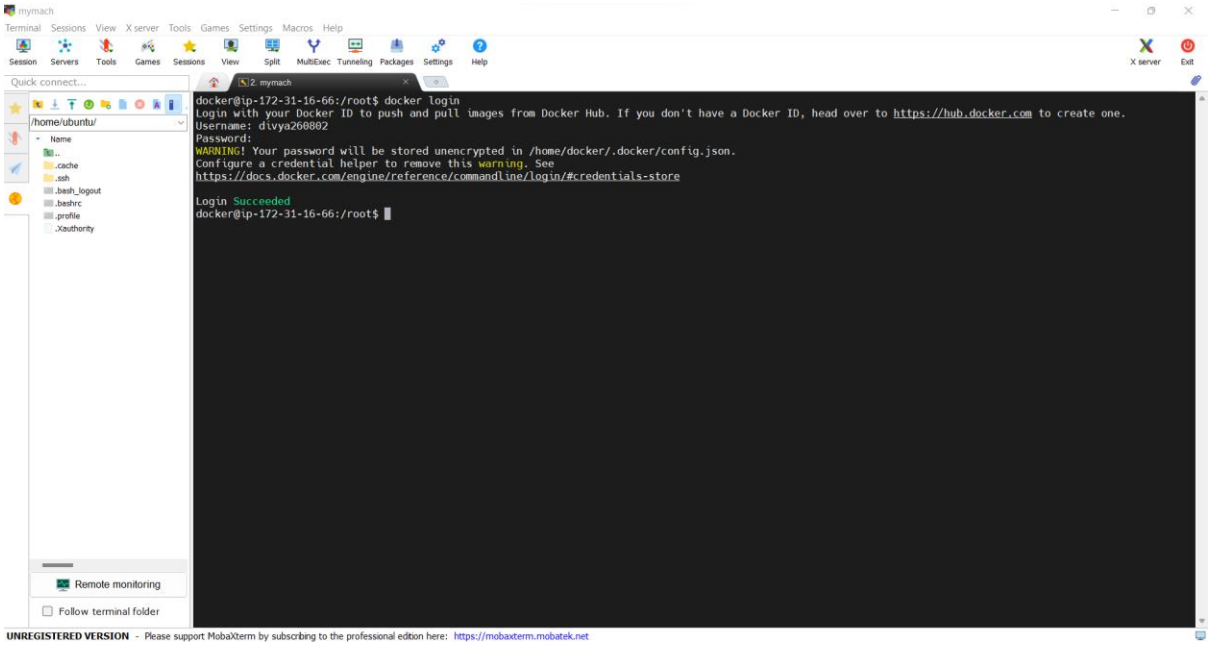
14) To get the complete information of the docker client and docker engine

docker info



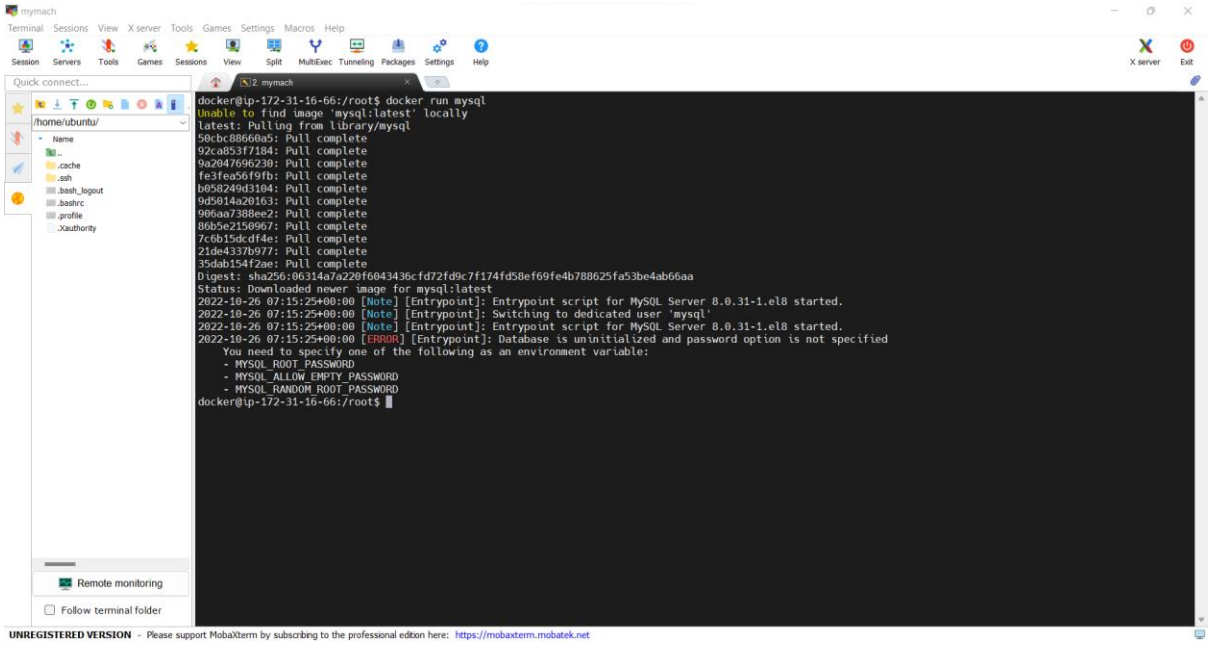
15)To login the docker

docker login



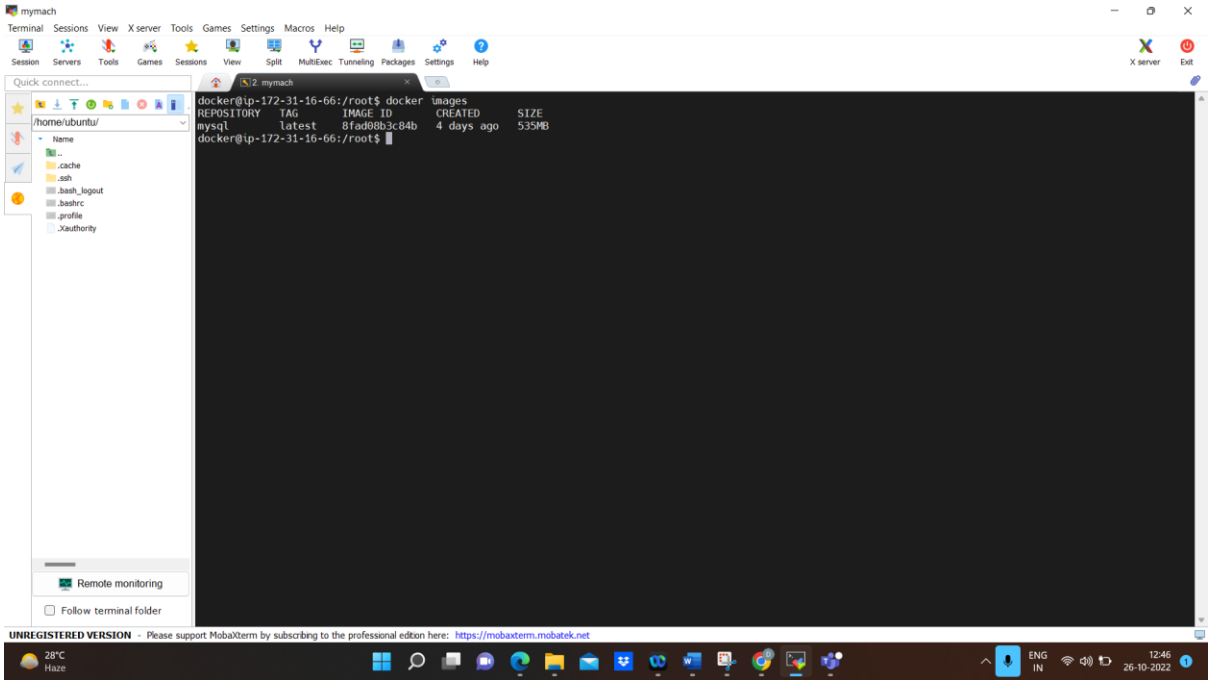
16)To install docker mysql

docker run mysql



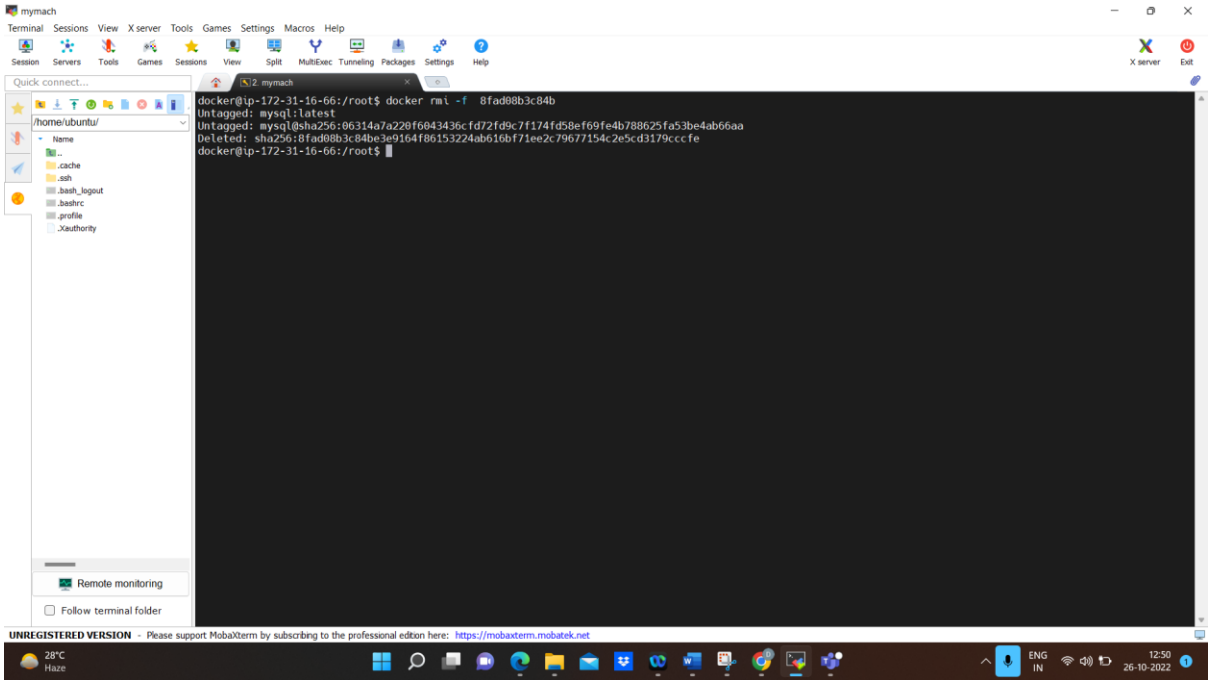
17)To see the images

Docker images



18)To remove the image mysql

Docker rmi -f imageid


mymach
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit
Quick connect...
2. mymach
/home/ubuntu/
Name
..
.cache
.ssh
.bash_logout
.bashrc
.profile
.Xauthority
Remote monitoring
Follow terminal folder
docker@ip-172-31-16-66:/root$ docker rmi -f 8fad08b3c84b
Untagged: mysql:latest
Untagged: mysql@sha256:06314a7a220f6043436cfd72fd9c7f174fd58ef69fe4b788625fa53be4ab66aa
Deleted: sha256:8fad08b3c84be3e9164f86153224ab616bf71ee2c79677154c2e5cd3179cccfe
docker@ip-172-31-16-66:/root$
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