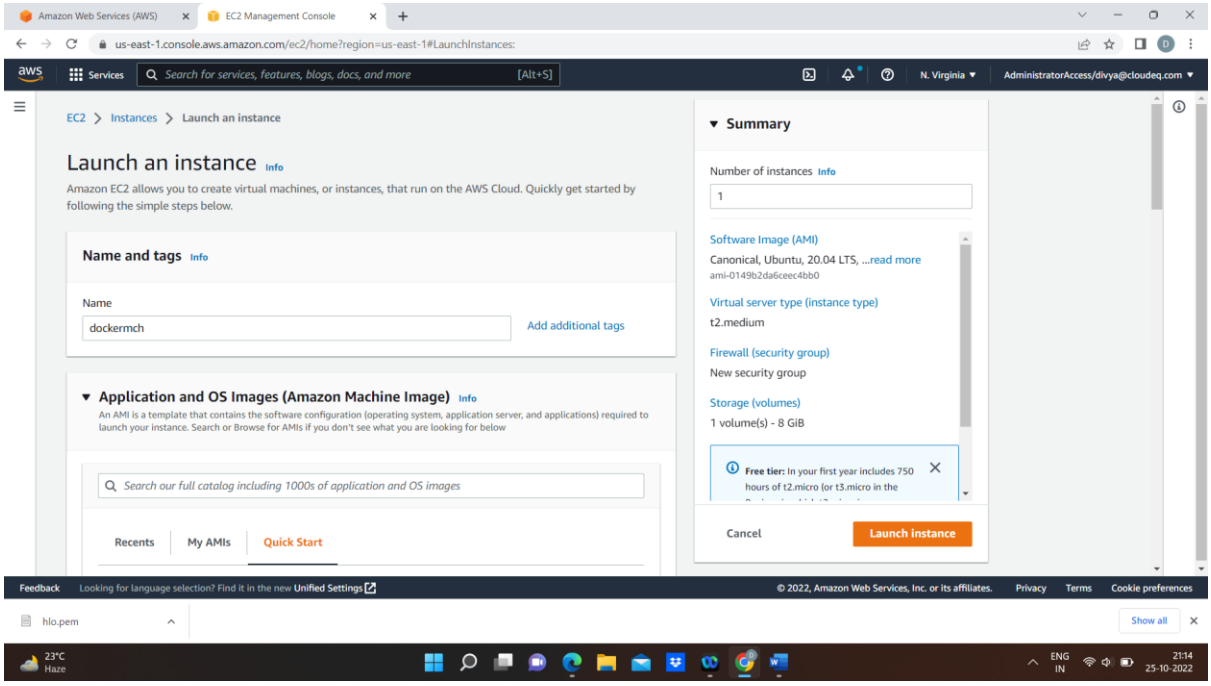
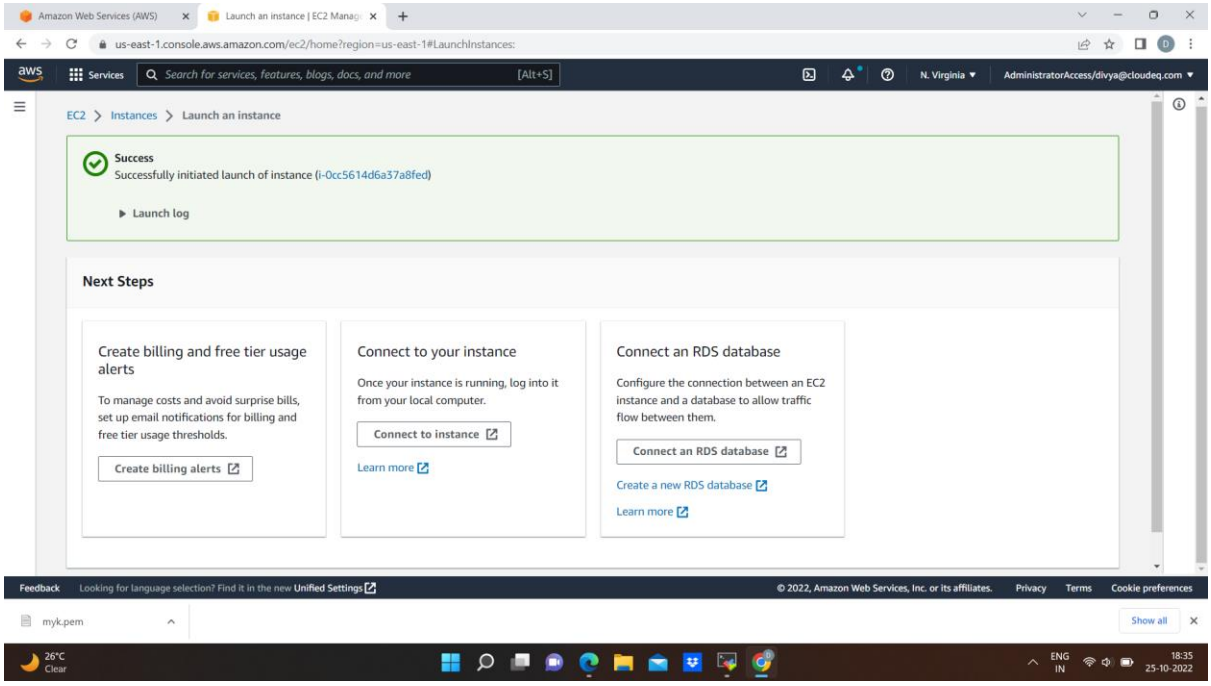
## Sprint5(Day3 assignment)

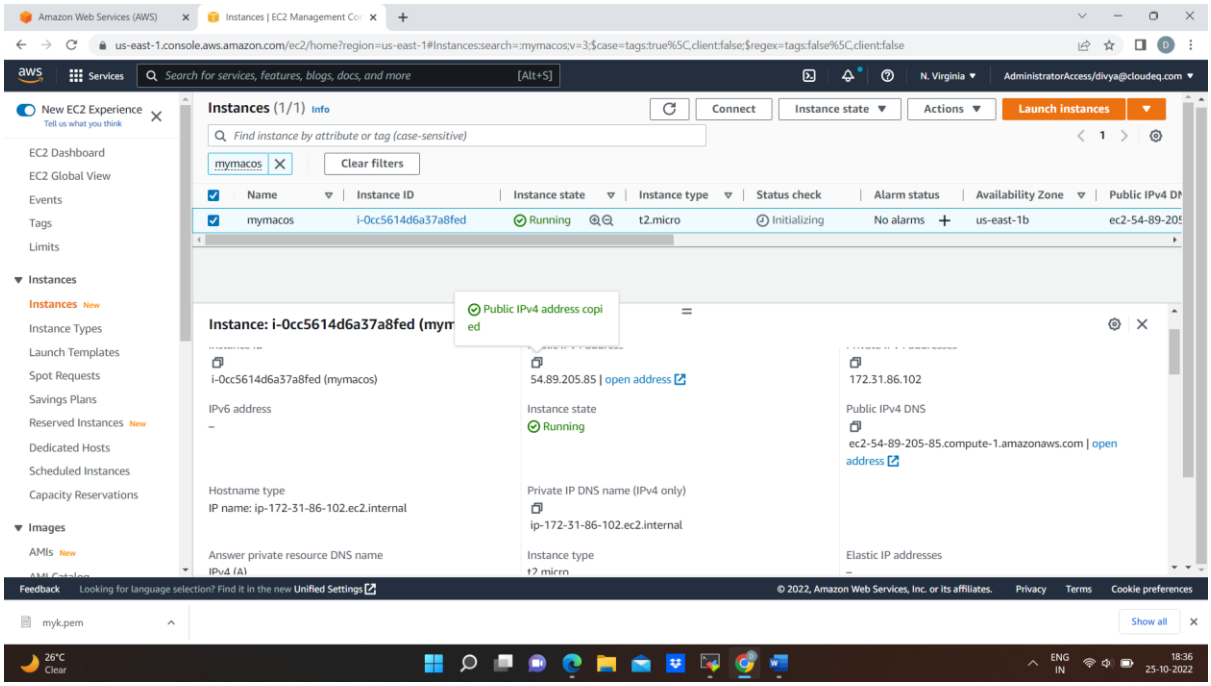
1)firstly I am creating one ec2 instance named dockermach and select the image as ubuntu and instance type is t2.medium then create the key and also you can select the existing key



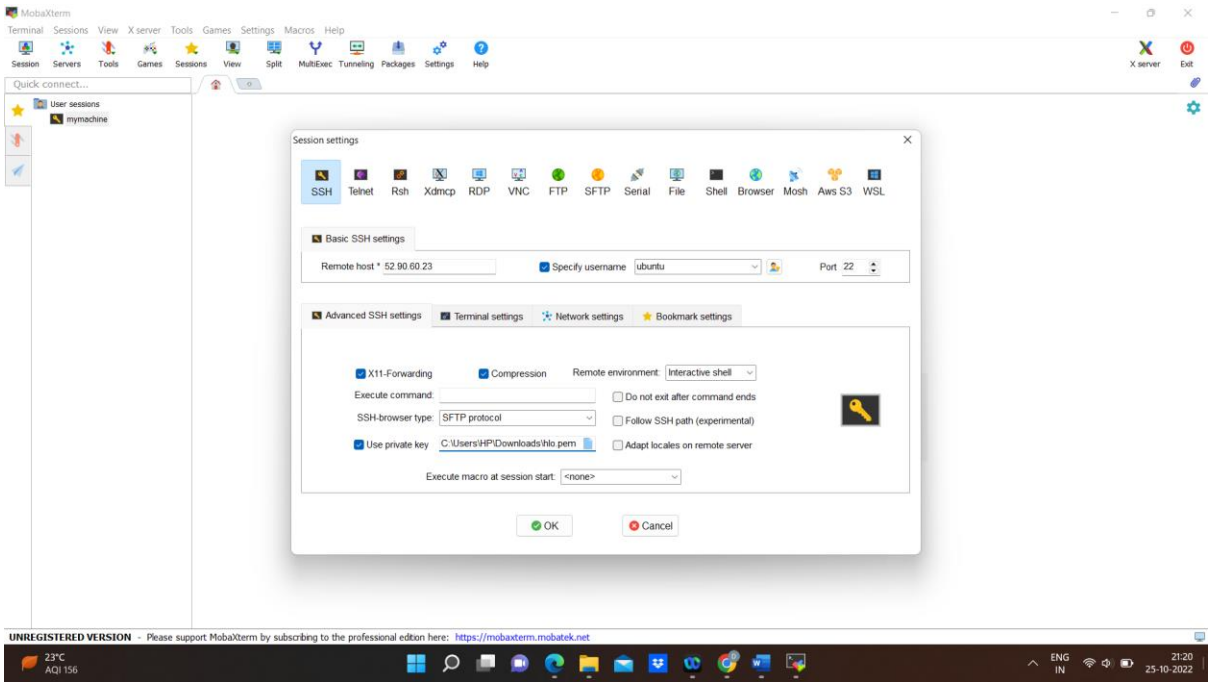

2)Then click on launch instance my instance is successfully launched



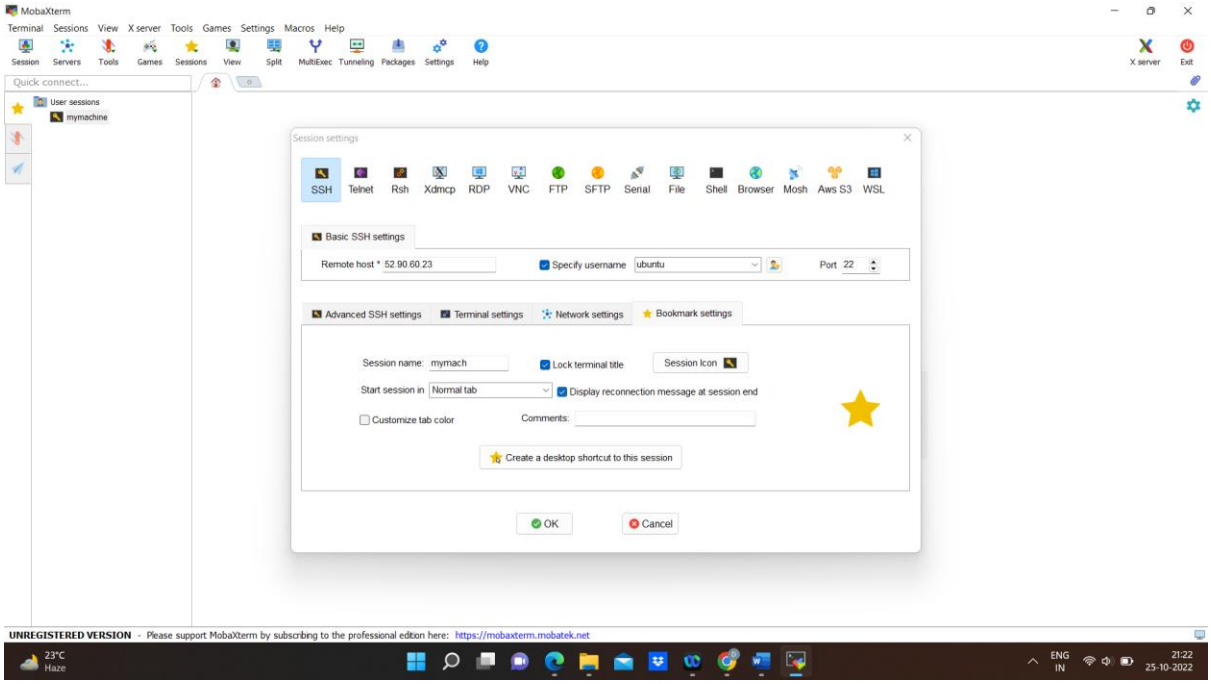

2)then I copy the public Ip address from the instance



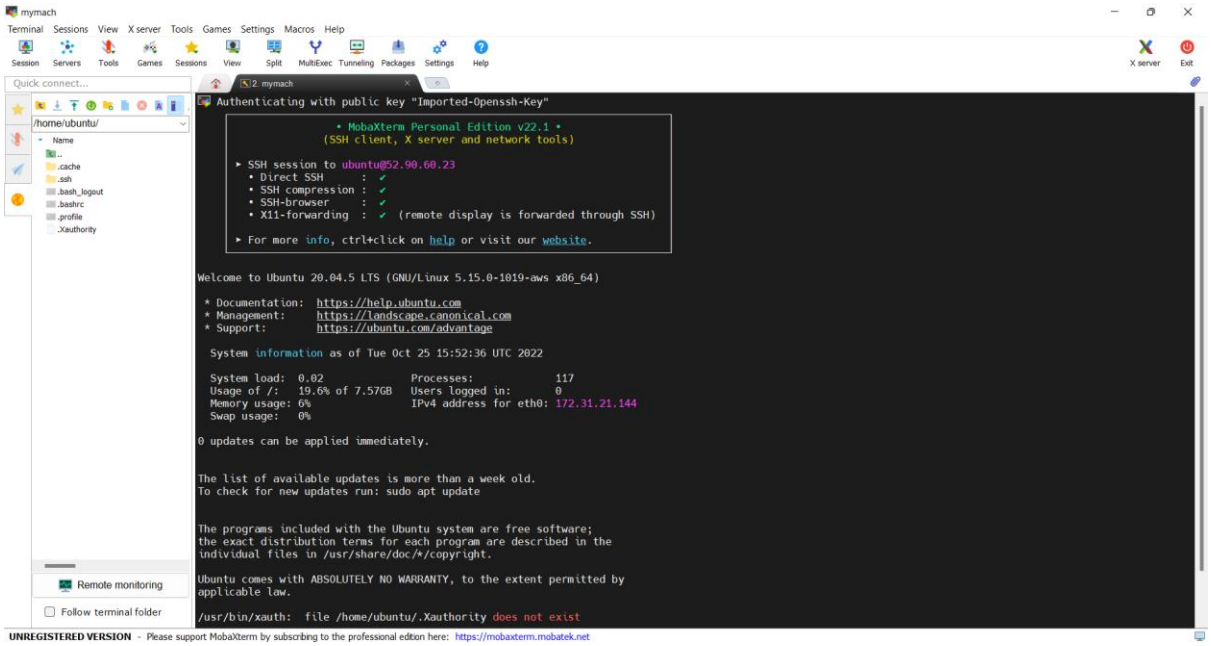

3)Then we paste the public IP address in the remote host in Moboxterm and give the username Then we select the key from the downloads in the Advanced SSH settings



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



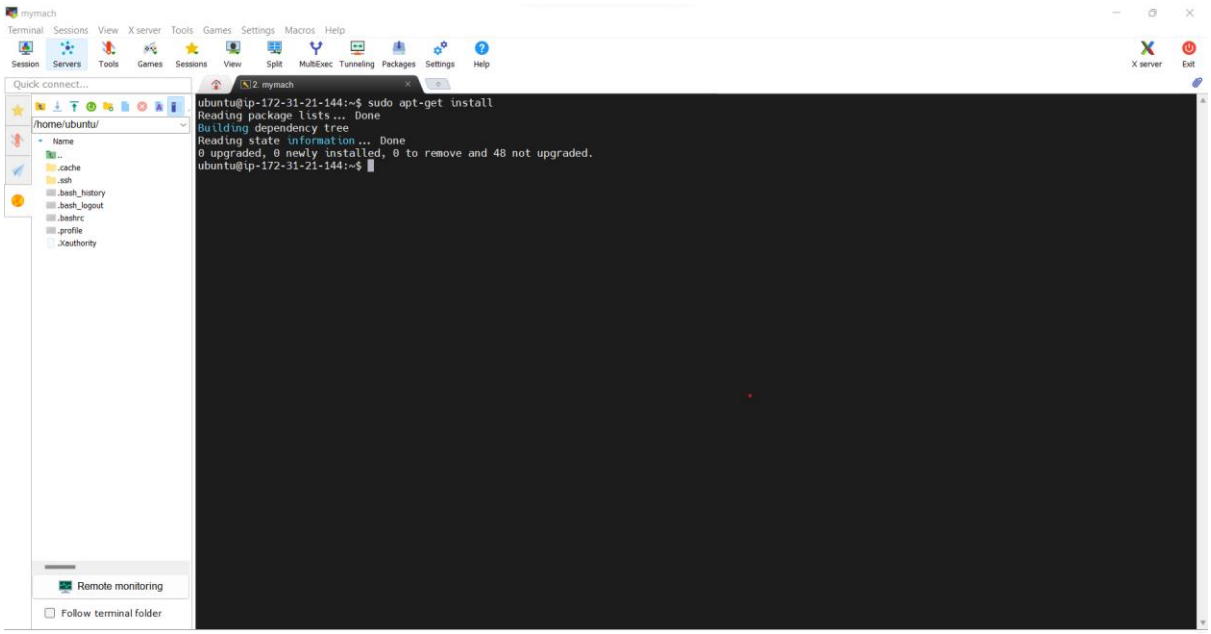

5)Then click on ok button our session will be created



# Commands

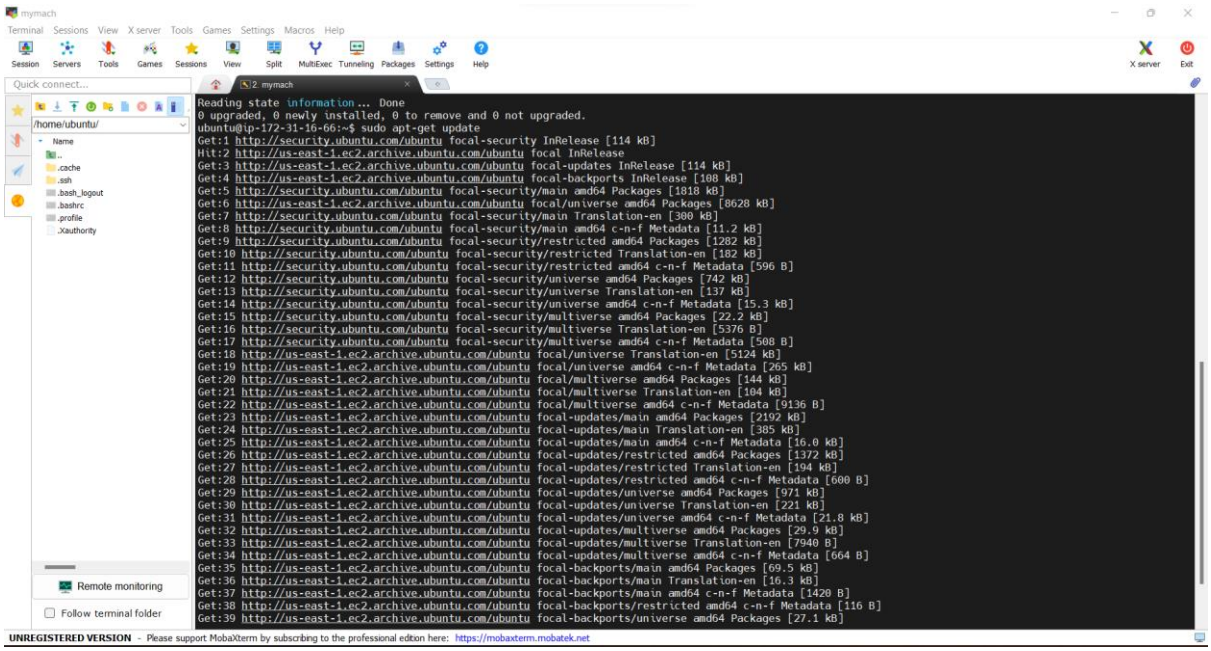
## 1)To install the docker

sudo apt-get install



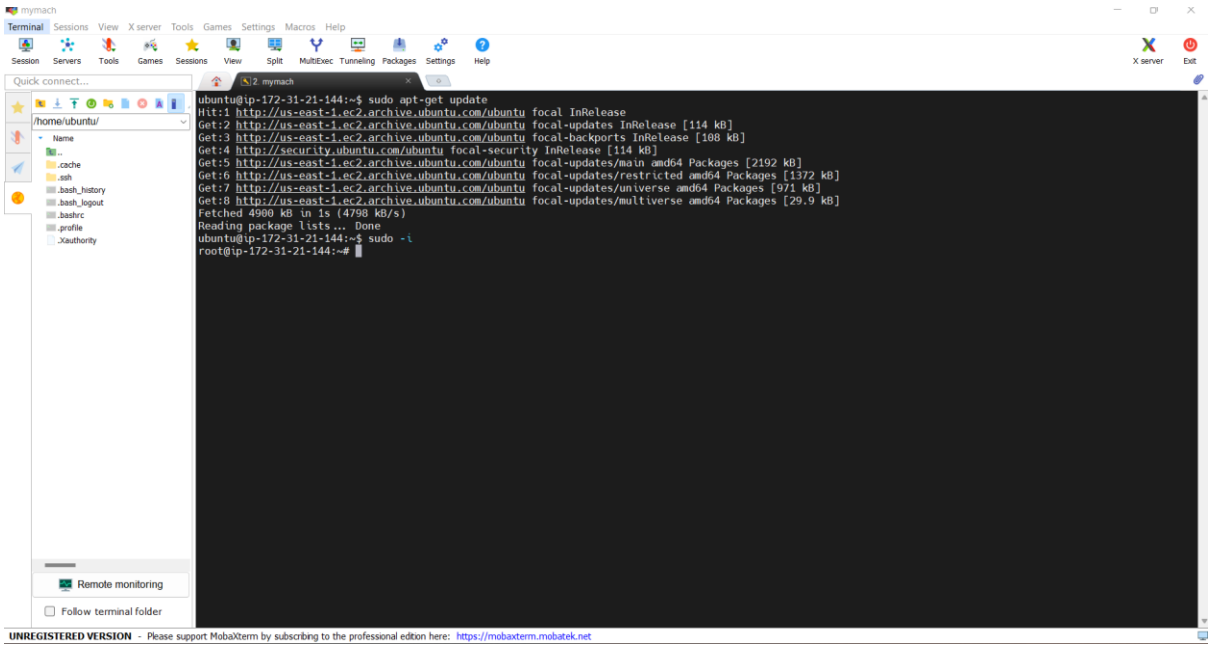

## 2) To update the docker

sudo apt-get update



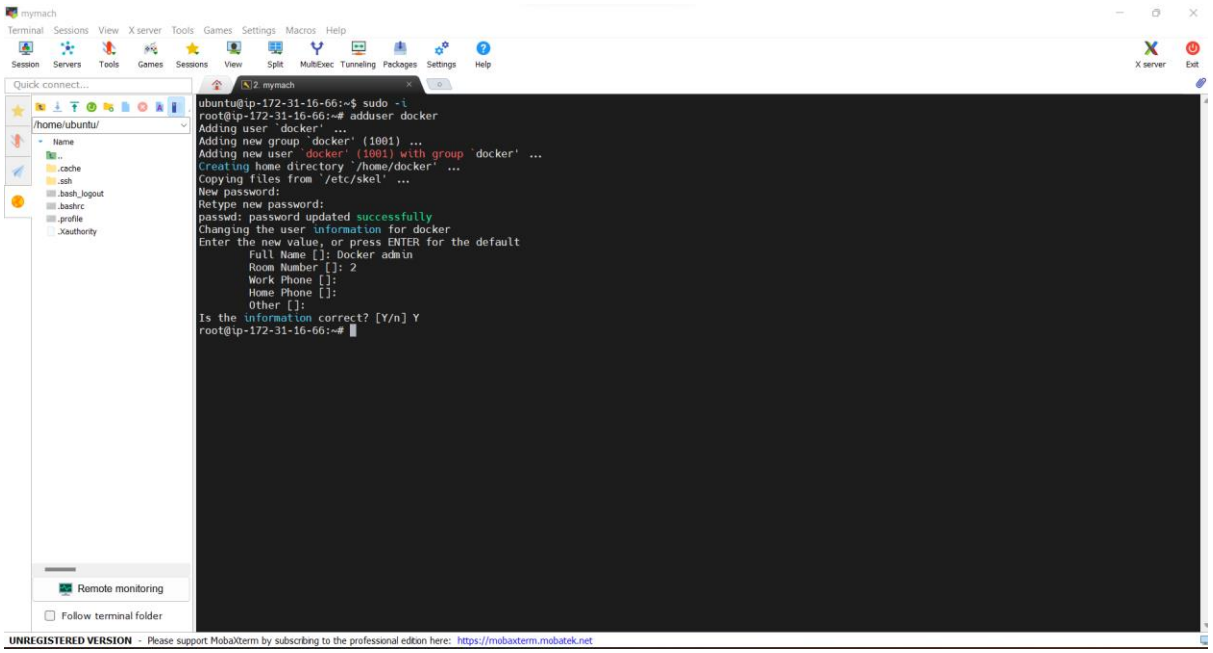
# 3)To Make our docker root user

sudo -i



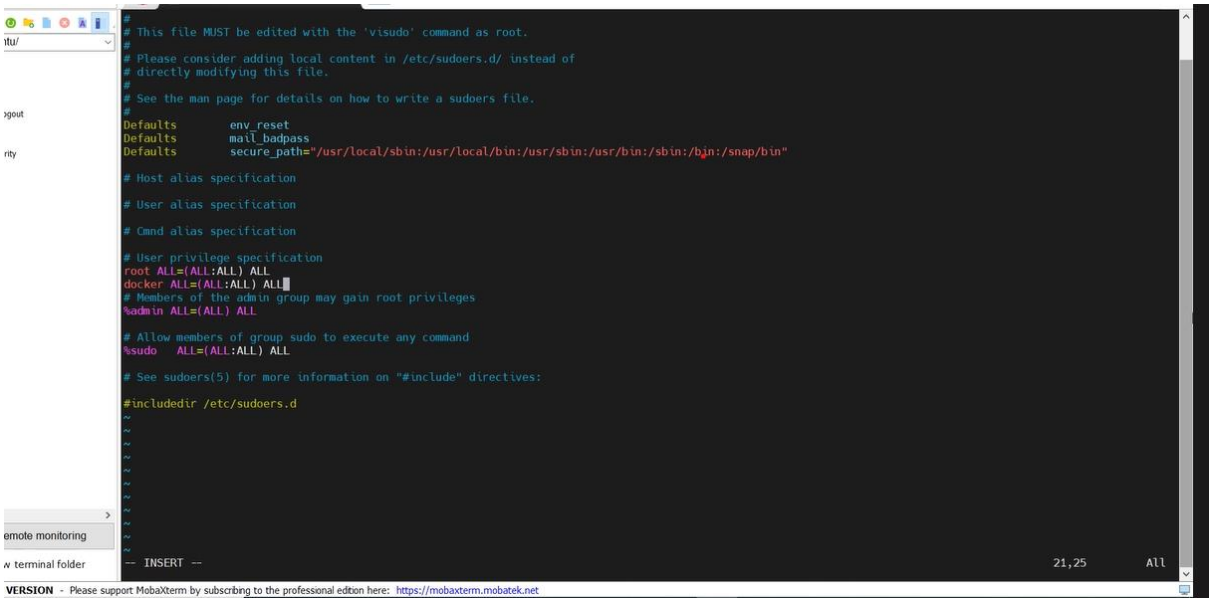

# 4) To add a user

adduser docker



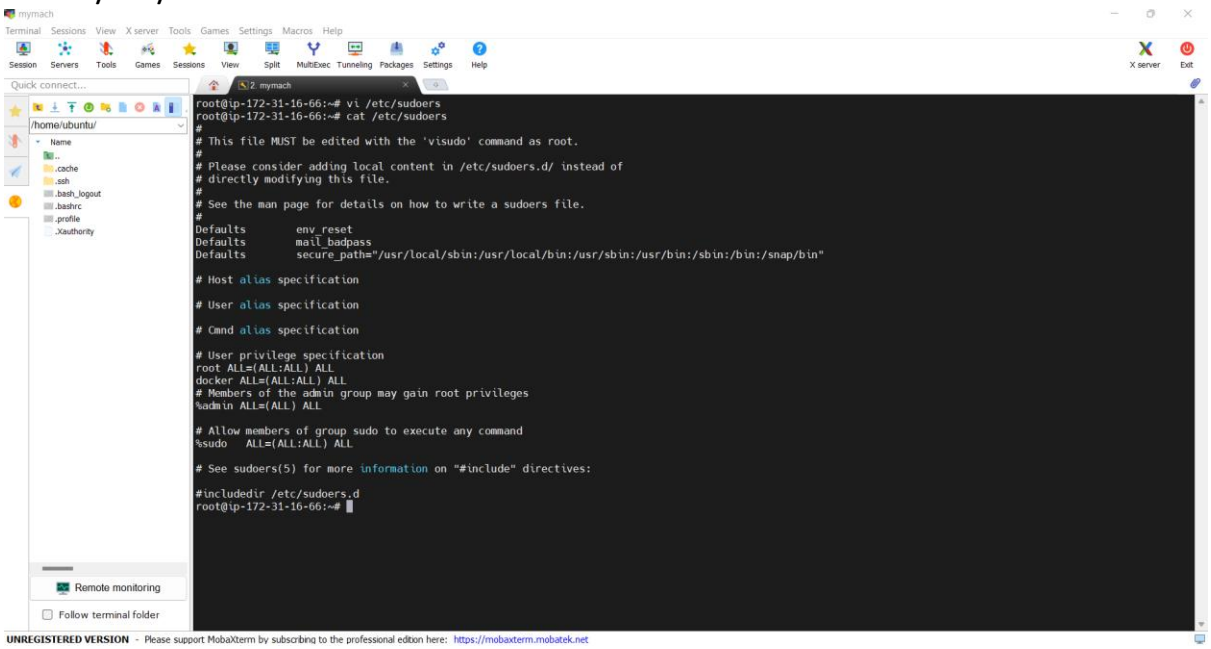
## 5) To give the root permissions

vi /etc/sudoers



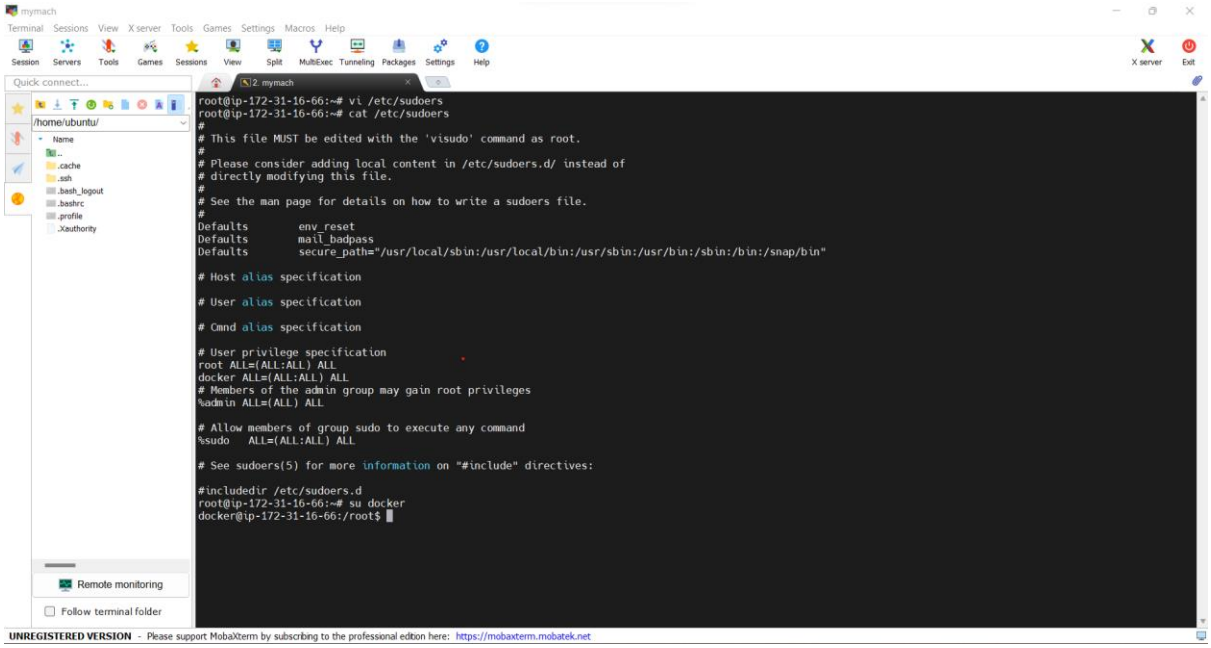

## 6)To see the permissions

Cat /etc/sudoers



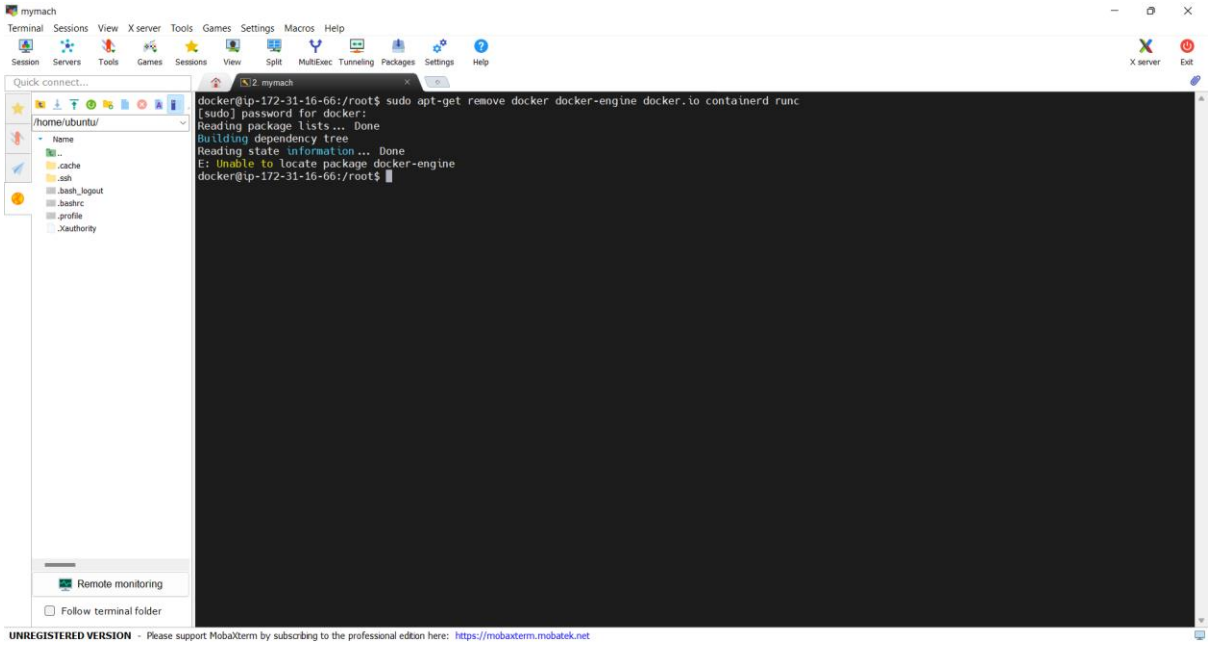

To check it is working or not

su docker



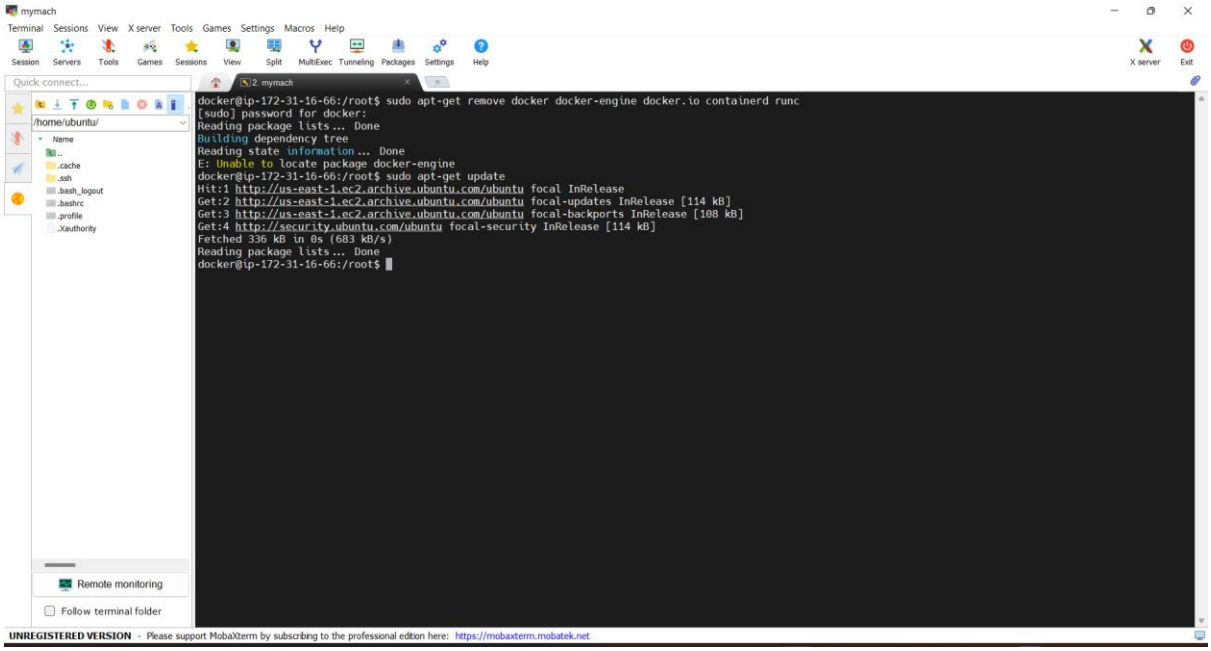

# 7)To uninstall the previous docker machine

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



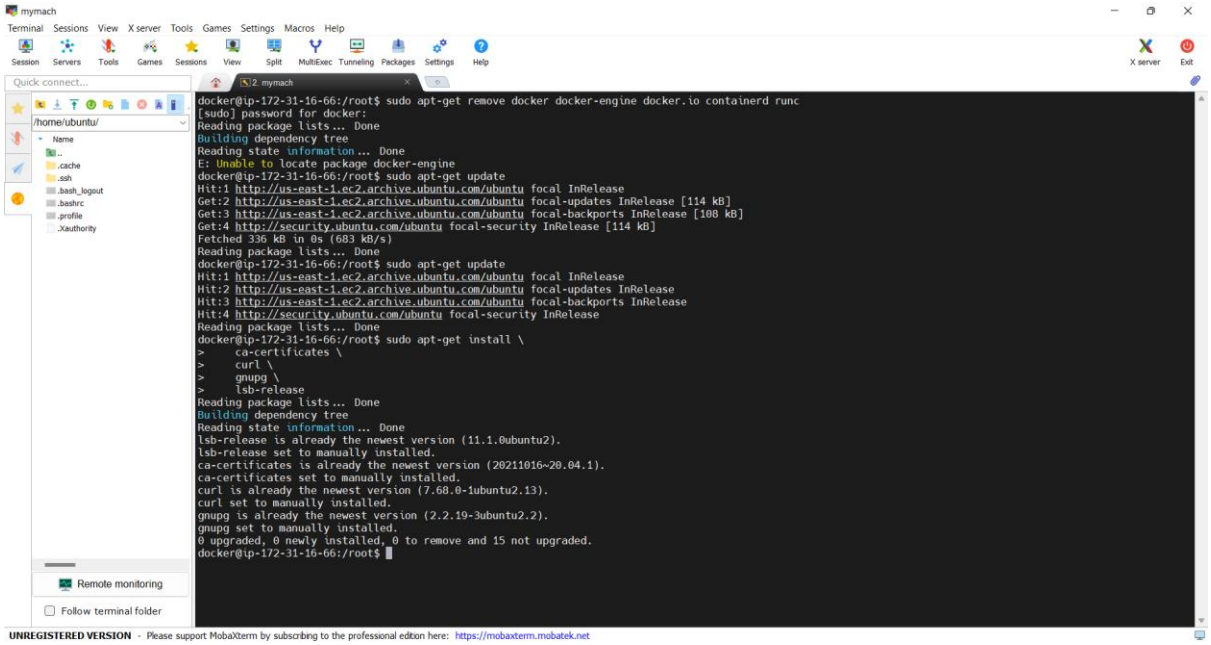
## 8) first we need to update our box

sudo apt-get update



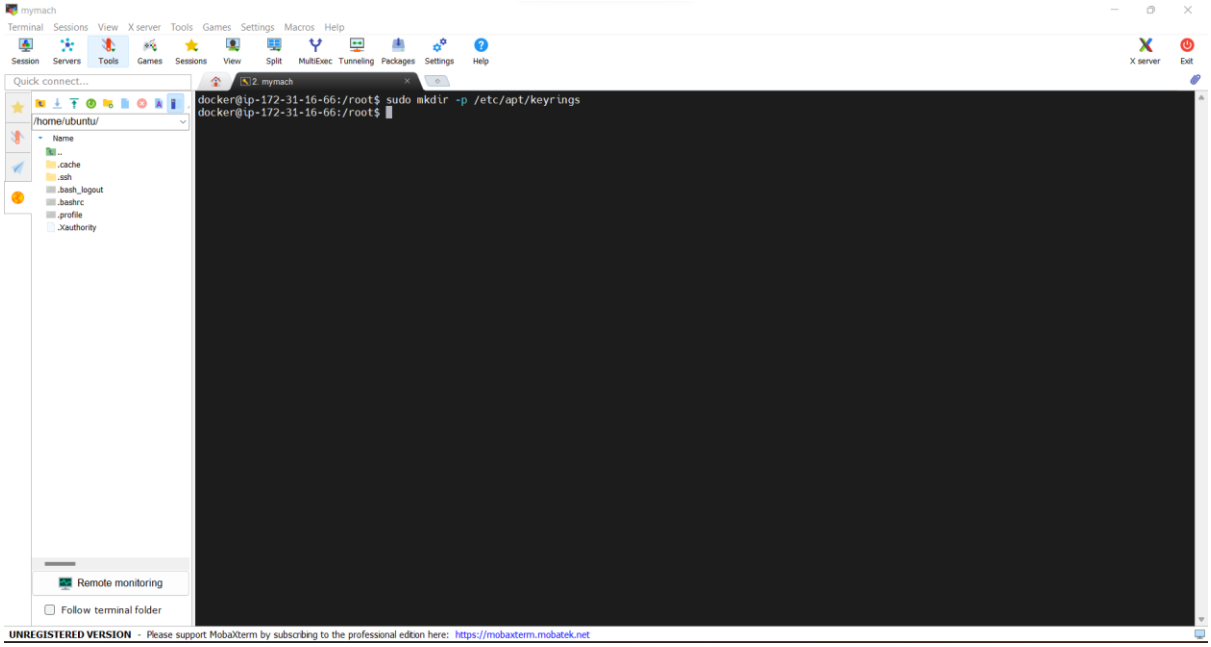

Now we need a certificate

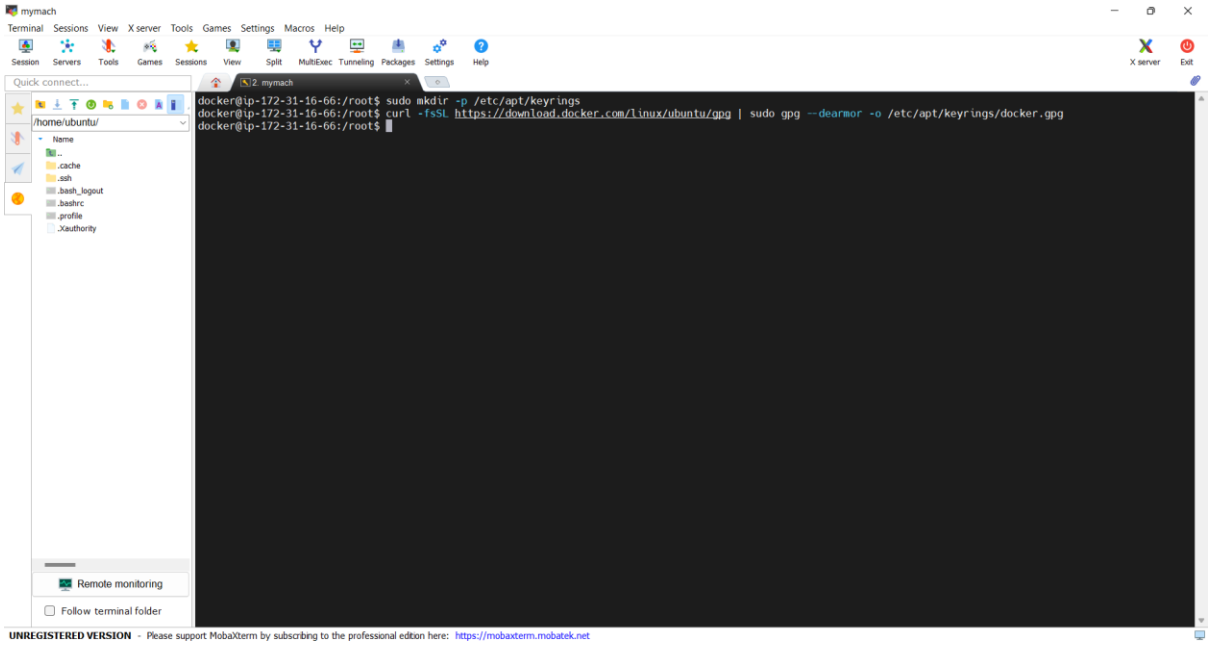
```
sudo apt-get install \
    ca-certificates \
    curl \
    gnupg \
    lsb-release
```



## 9)To add a docker official GPG key

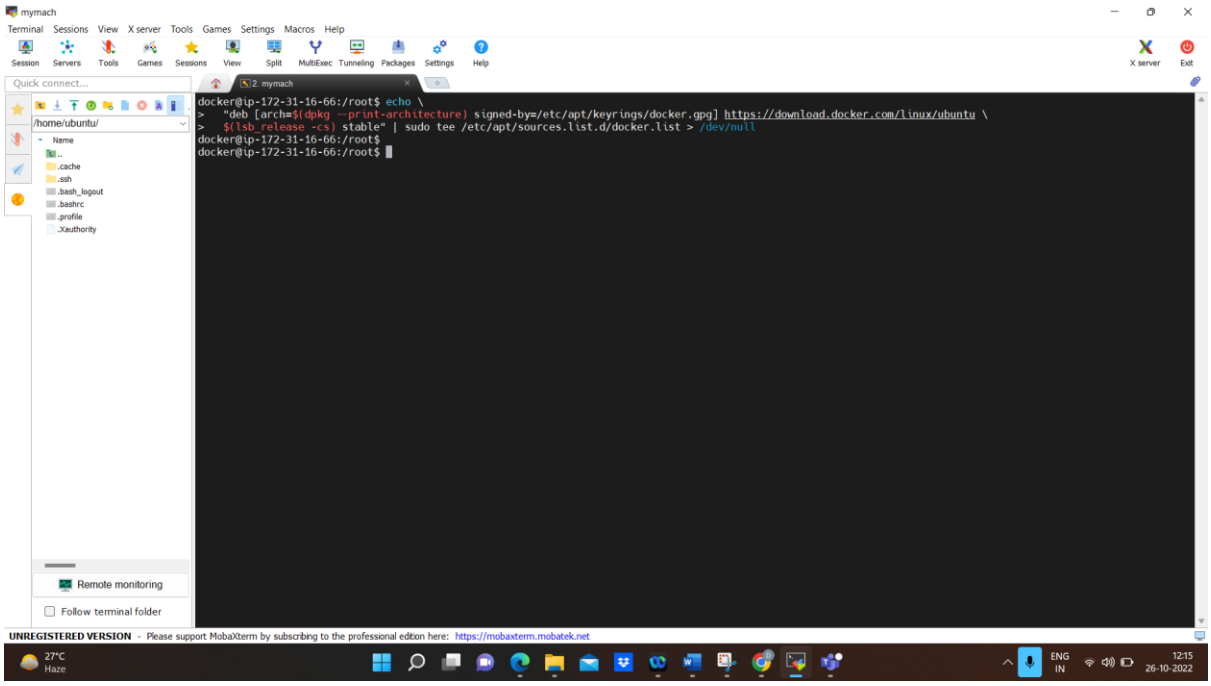
1)sudo mkdir -p /etc/apt/keyrings
2)curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg



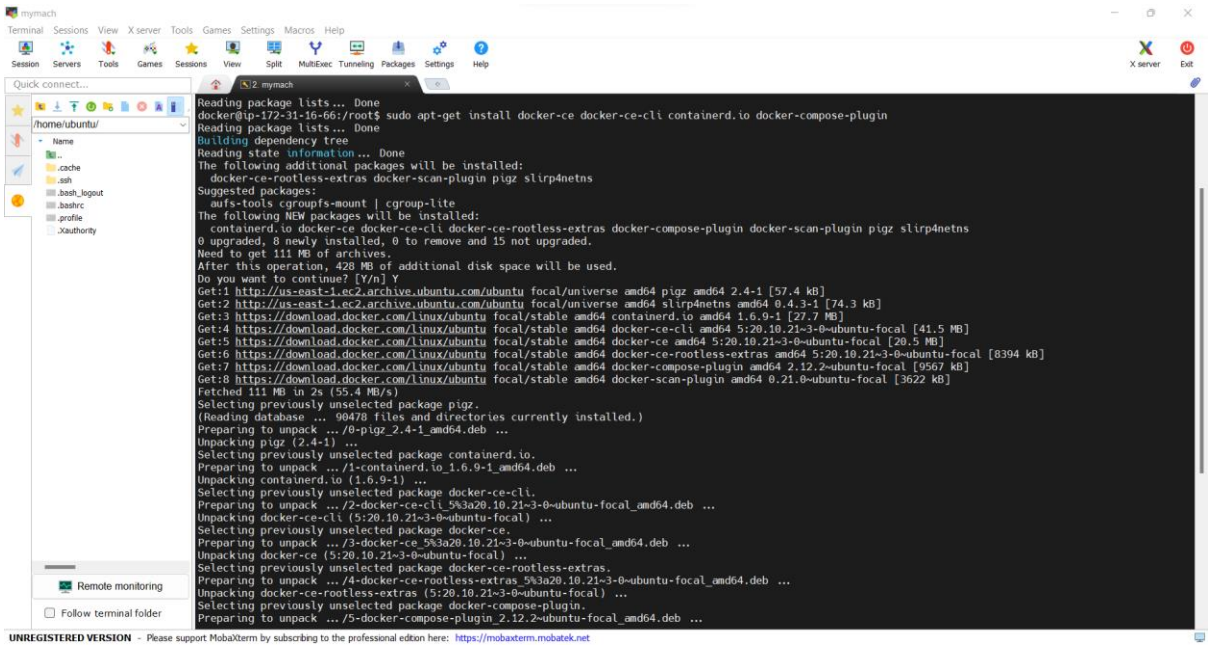
## 10) To setup the repository

```
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
```



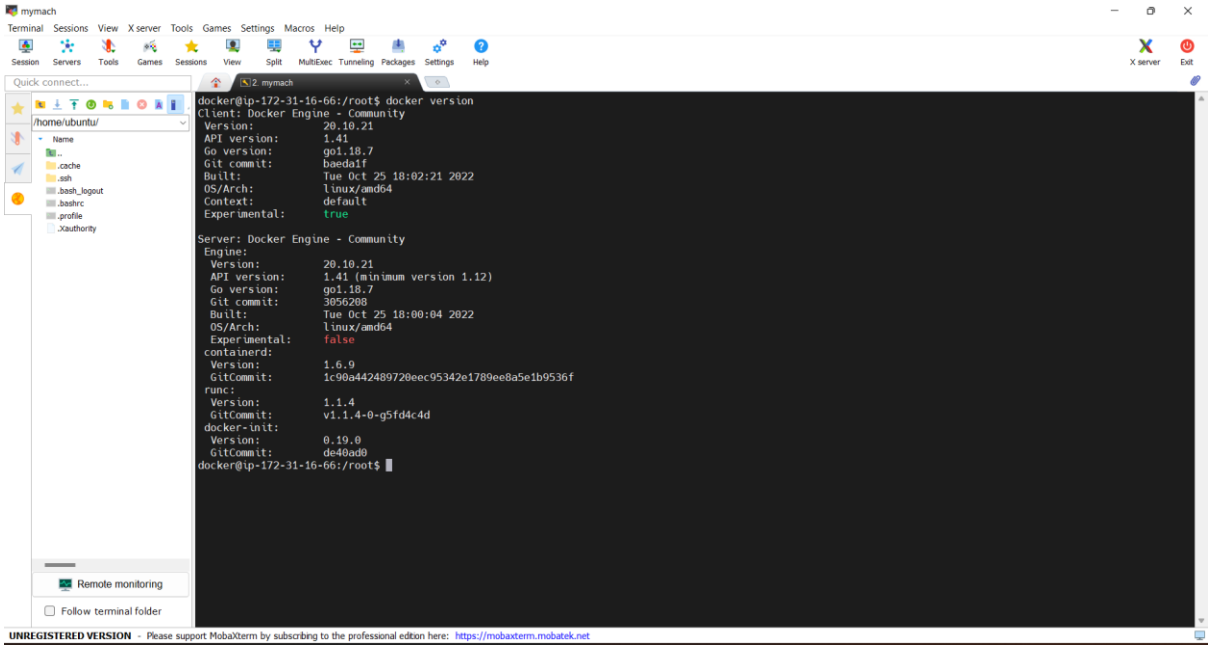
## 11)To install the latest version

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



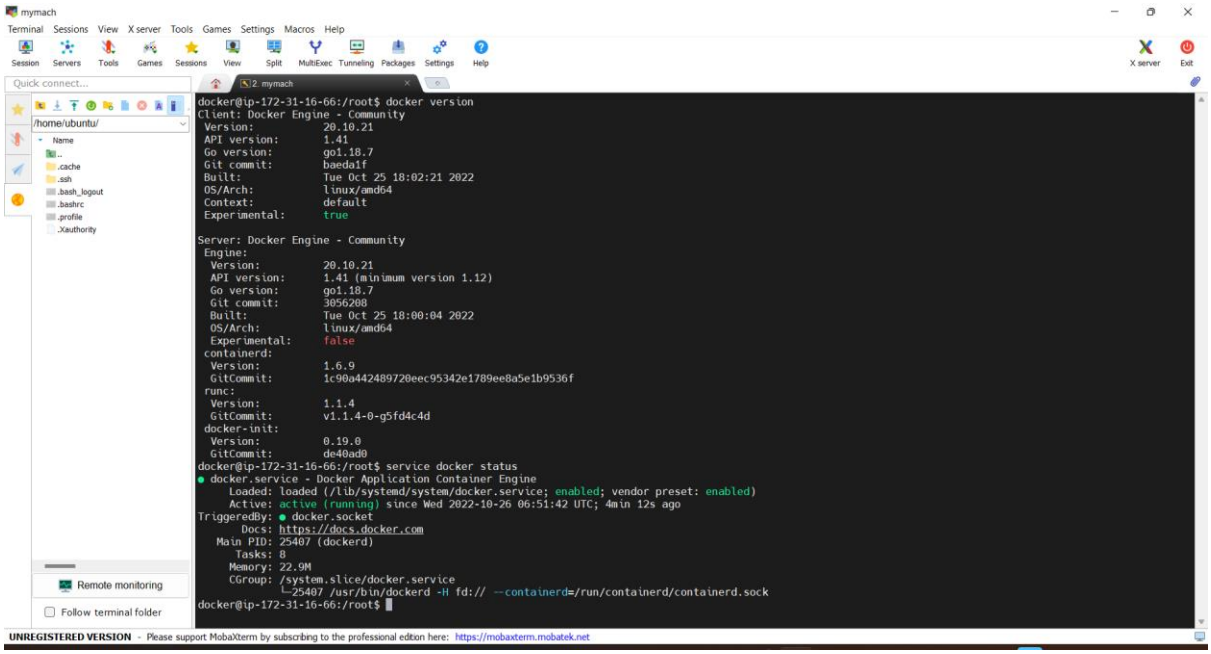

## 12) To see the docker version

docker version or docker --version



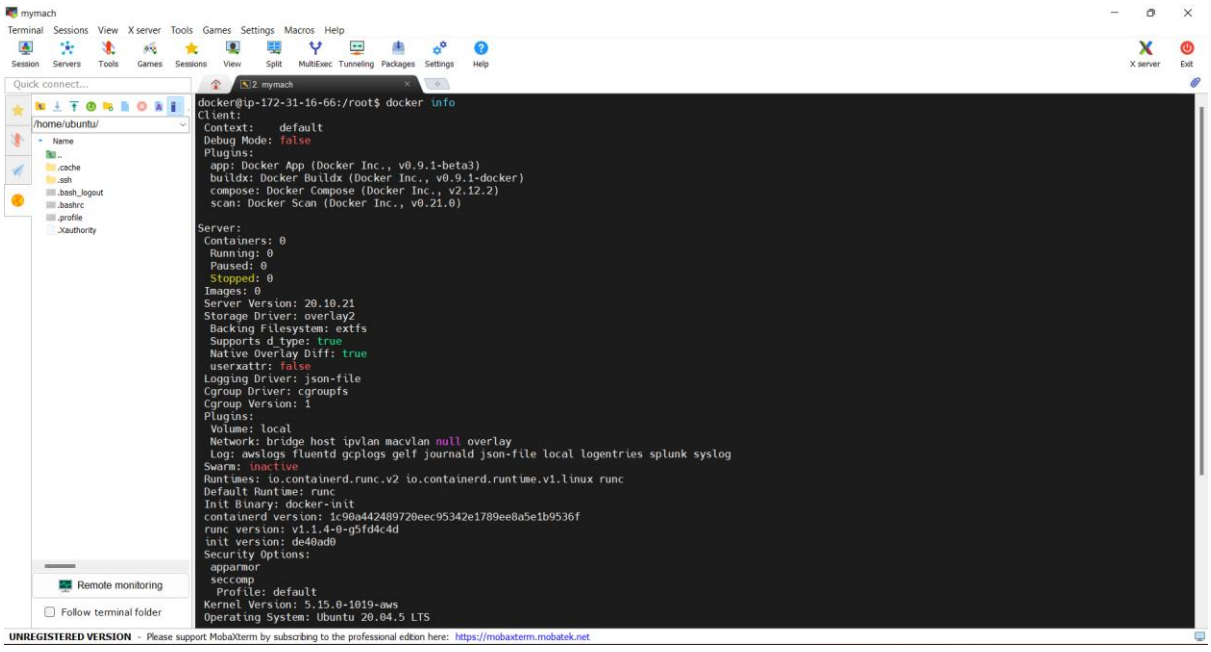
## 13)To see Docker is working fine or not

service docker status



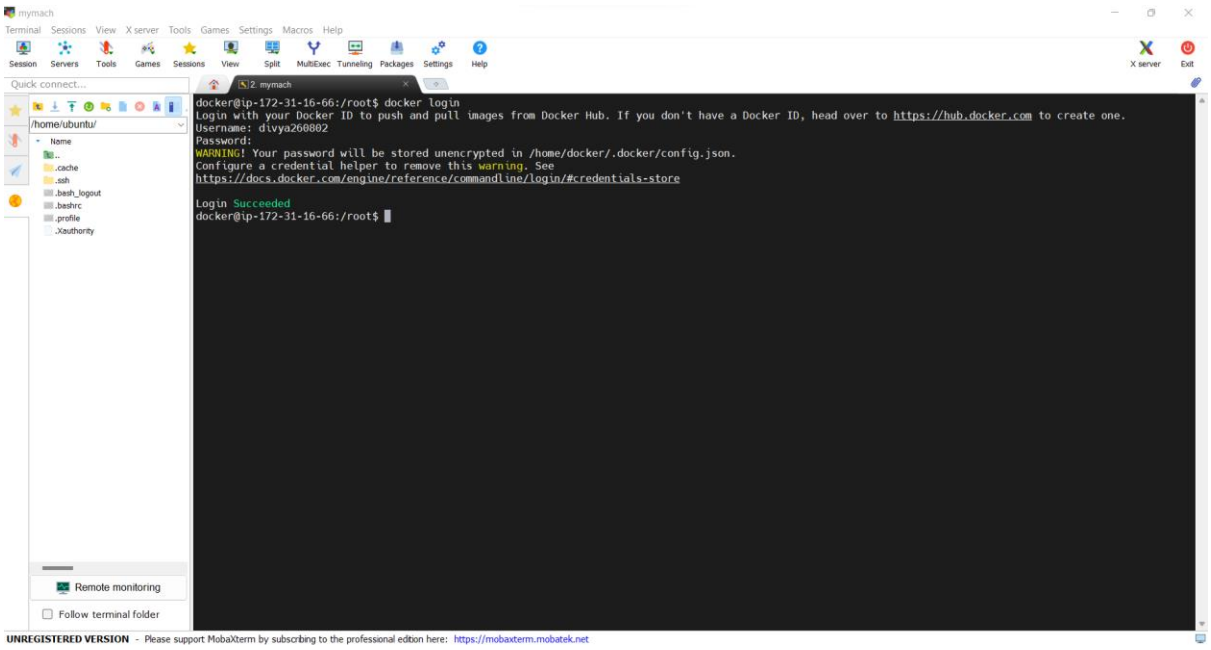

## 14) To get the complete information of the docker client and docker engine

docker info



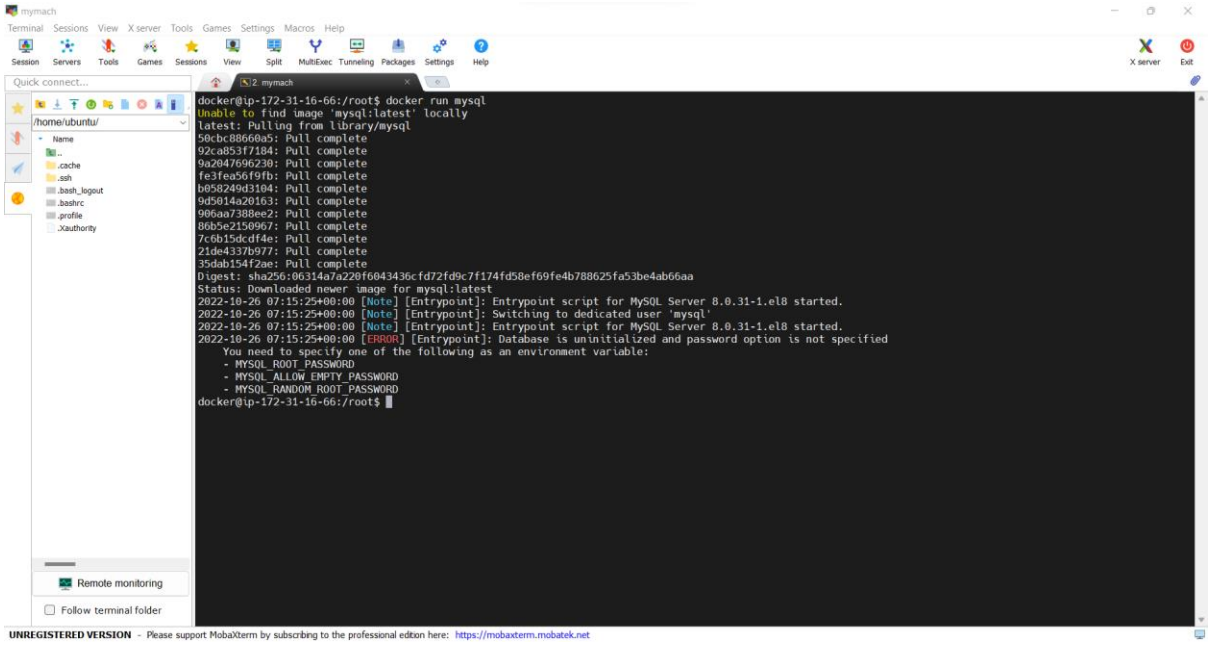
# 15)To login the docker

docker login



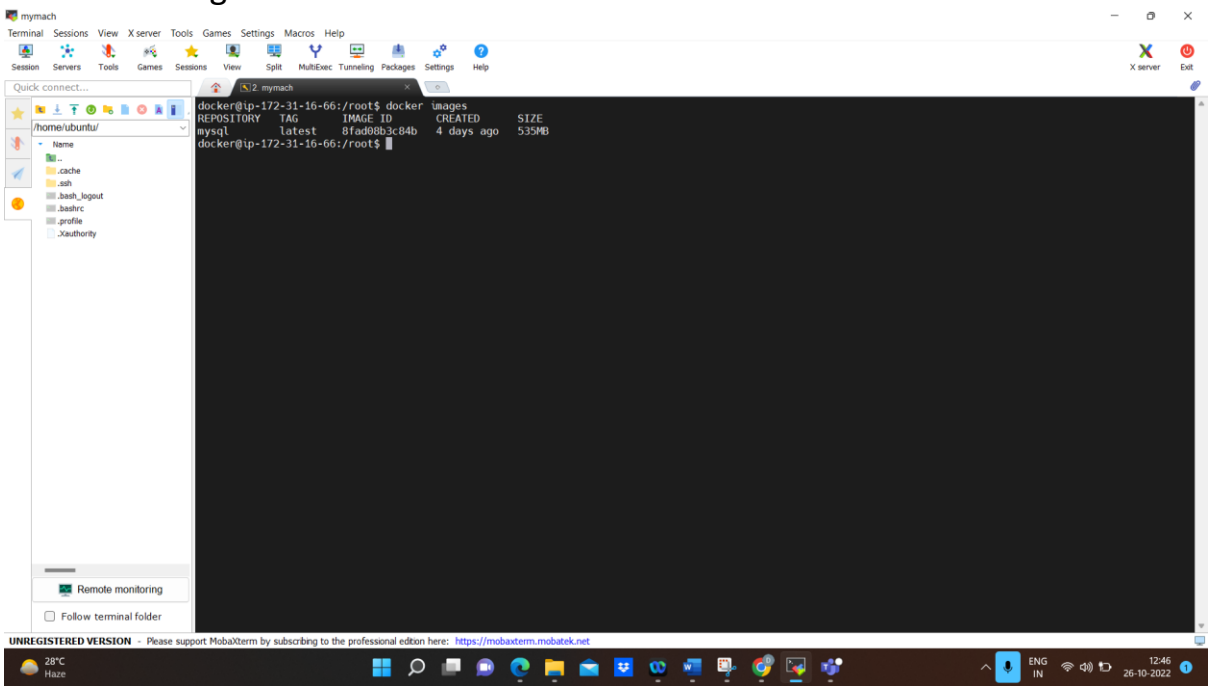

# 16)To install docker mysql

docker run mysql



# 17)To see the images

Docker images




# 18)To remove the image mysql

Docker rmi -f imageid