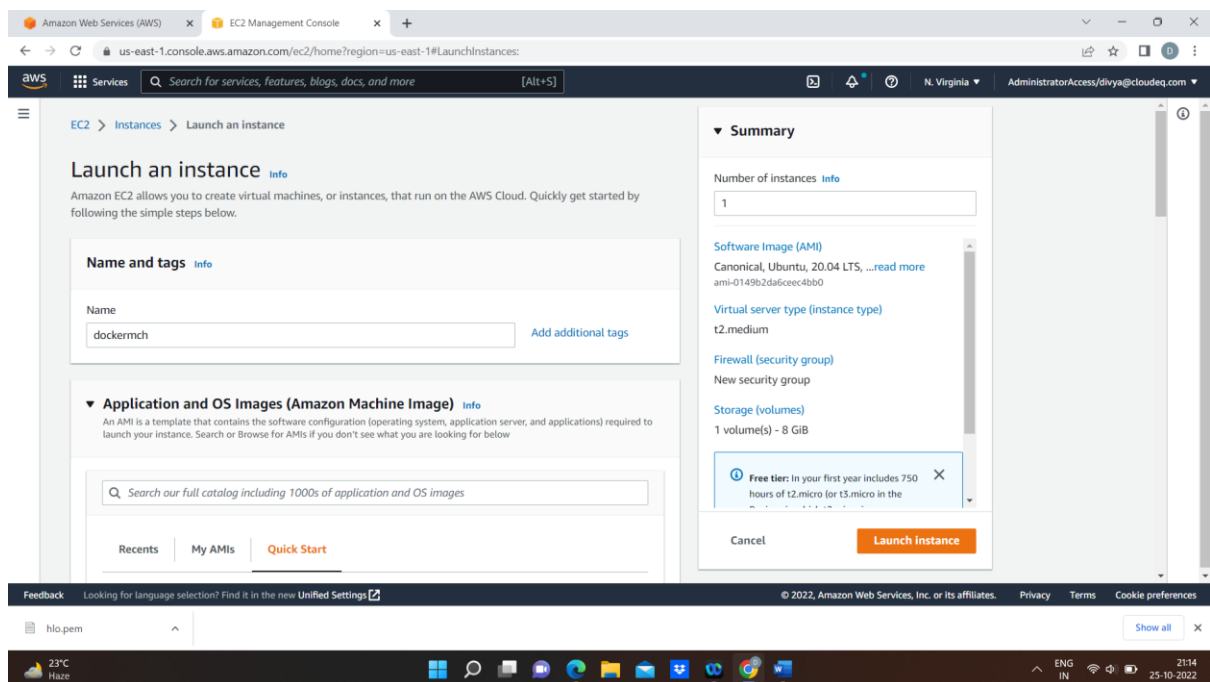
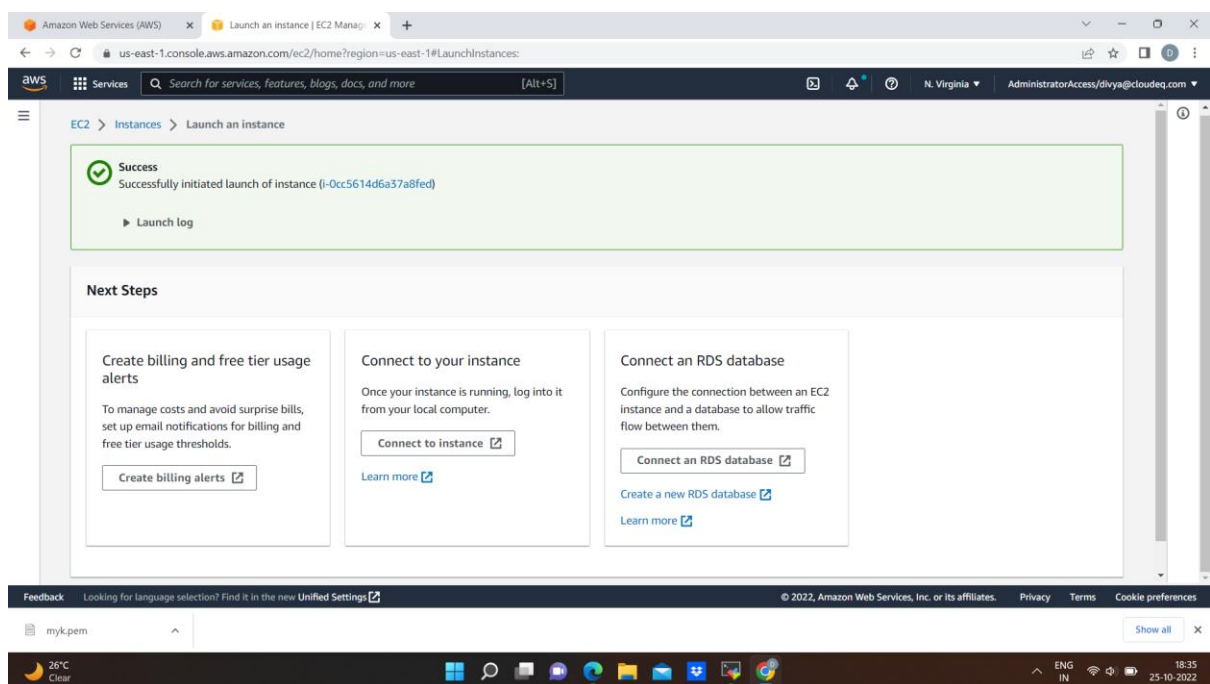


Sprint5(Day3 assignment)

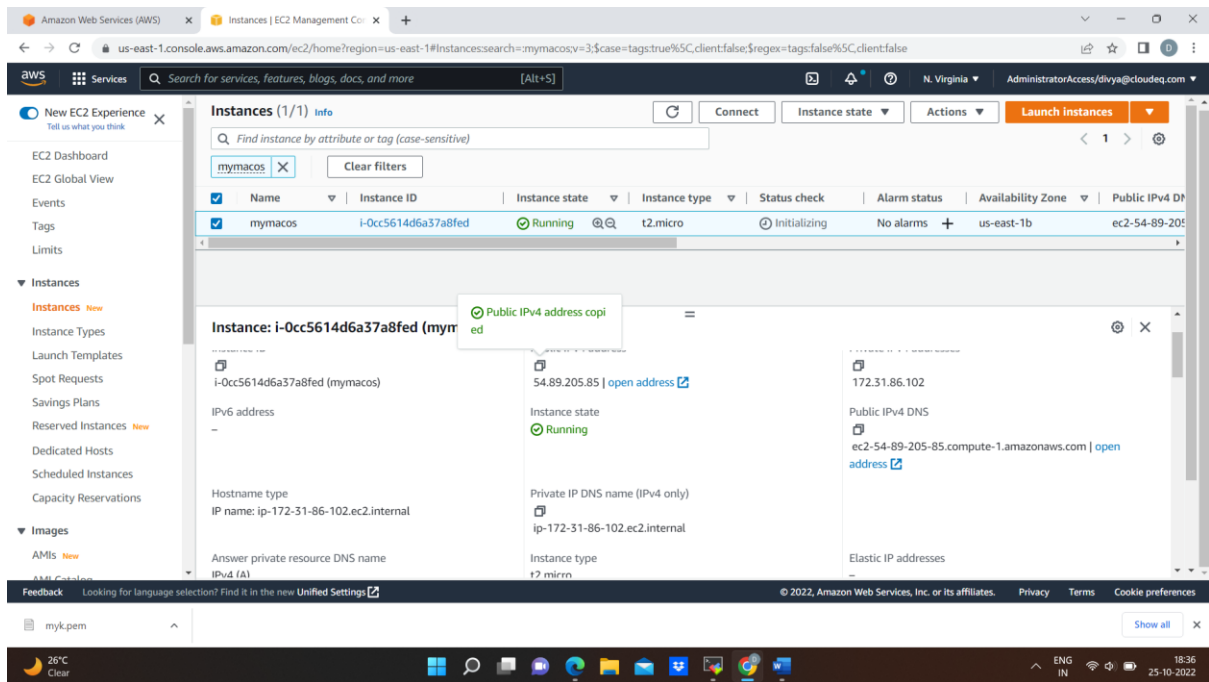
1) firstly I am creating one ec2 instance named dockermach and select the image as ubuntu and instance type is t2.medium then create the key and also you can select the existing key



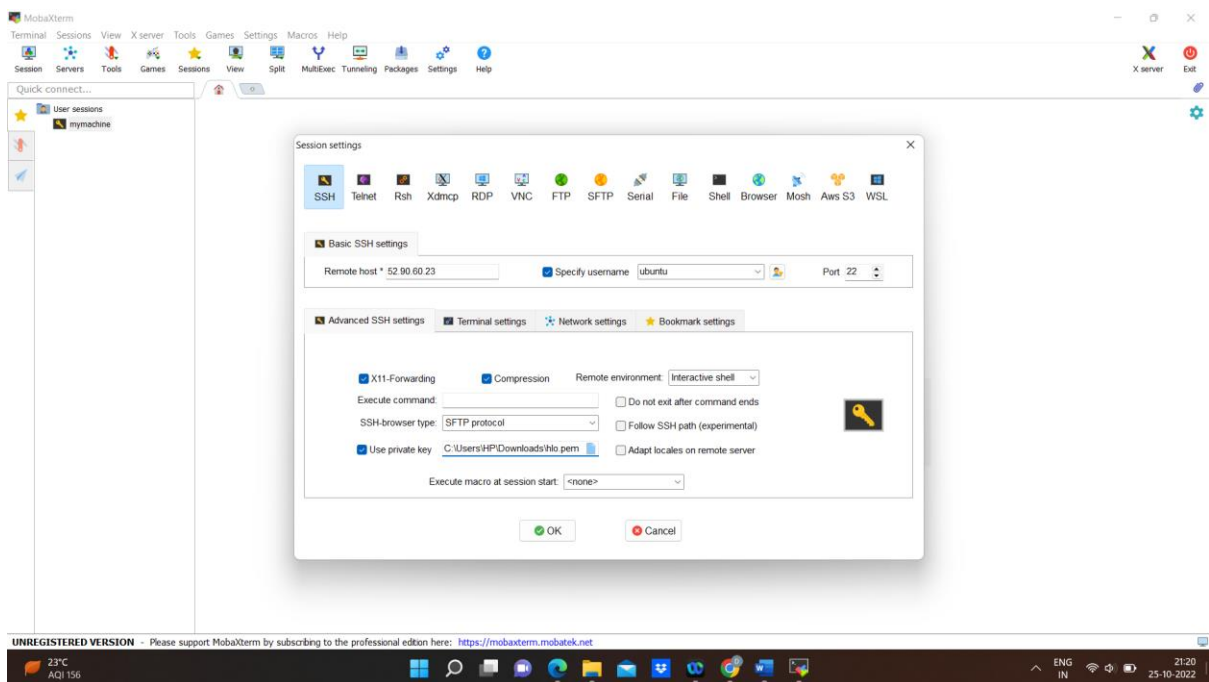
2) Then click on launch instance my instance is successfully launched



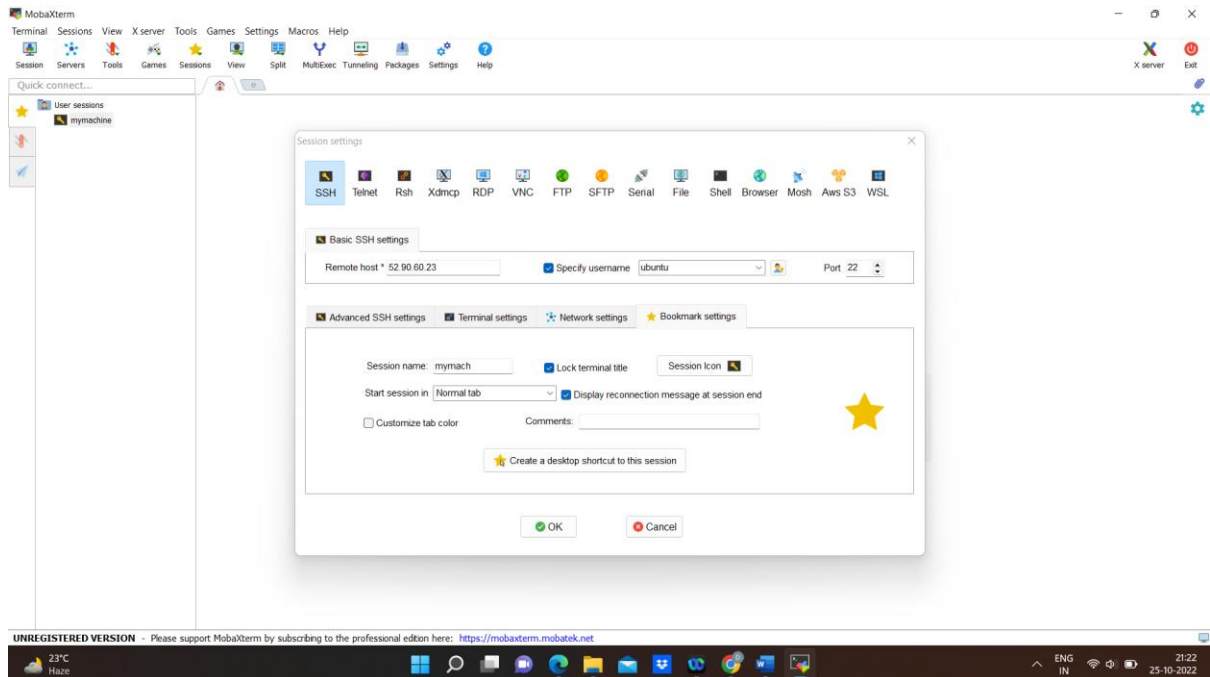
2) then I copy the public Ip address from the instance



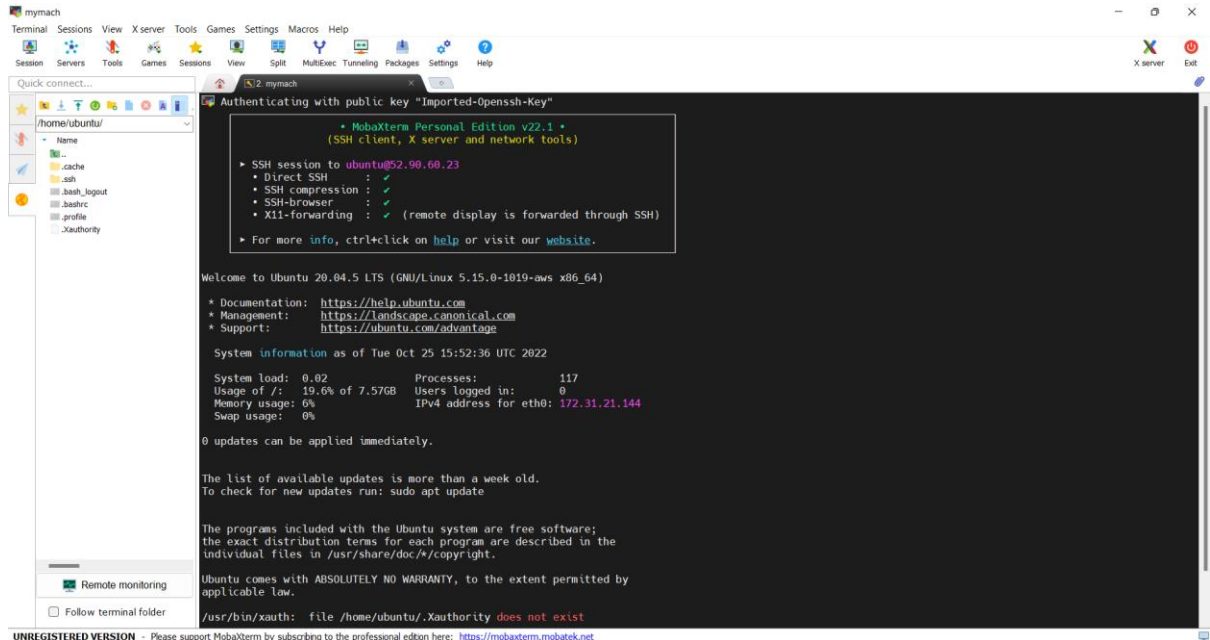
3) Then we paste the public IP address in the remote host in Mobaxterm and give the username. Then we select the key from the downloads in the Advanced SSH settings.



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



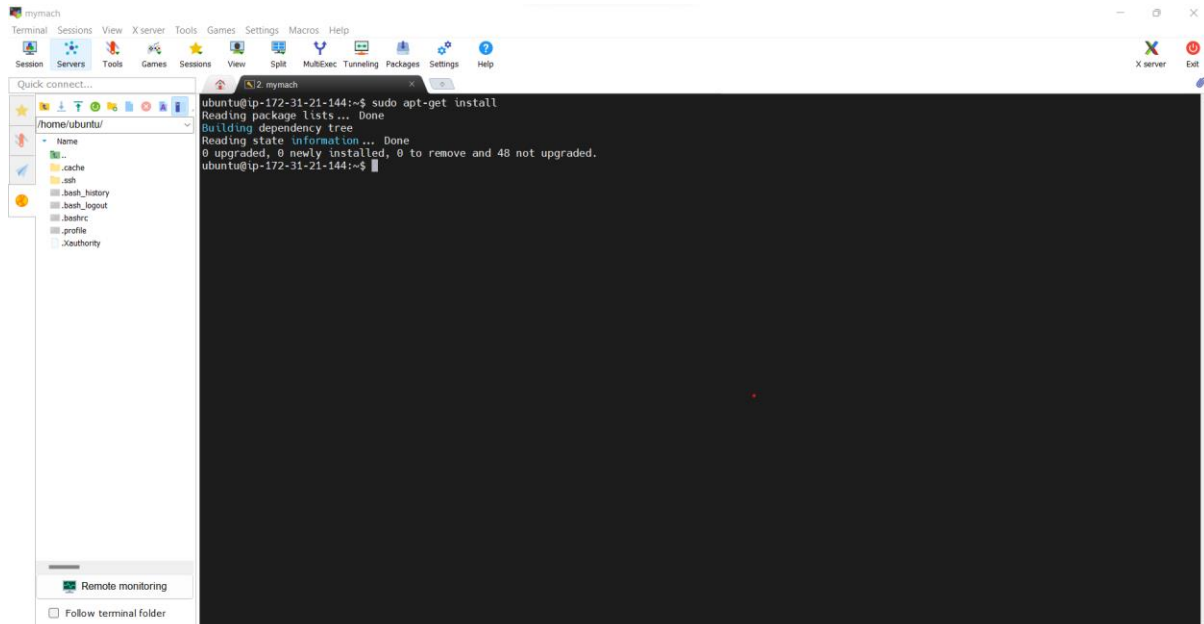
5) Then click on ok button our session will be created



Commands

1) To install the docker

sudo apt-get install

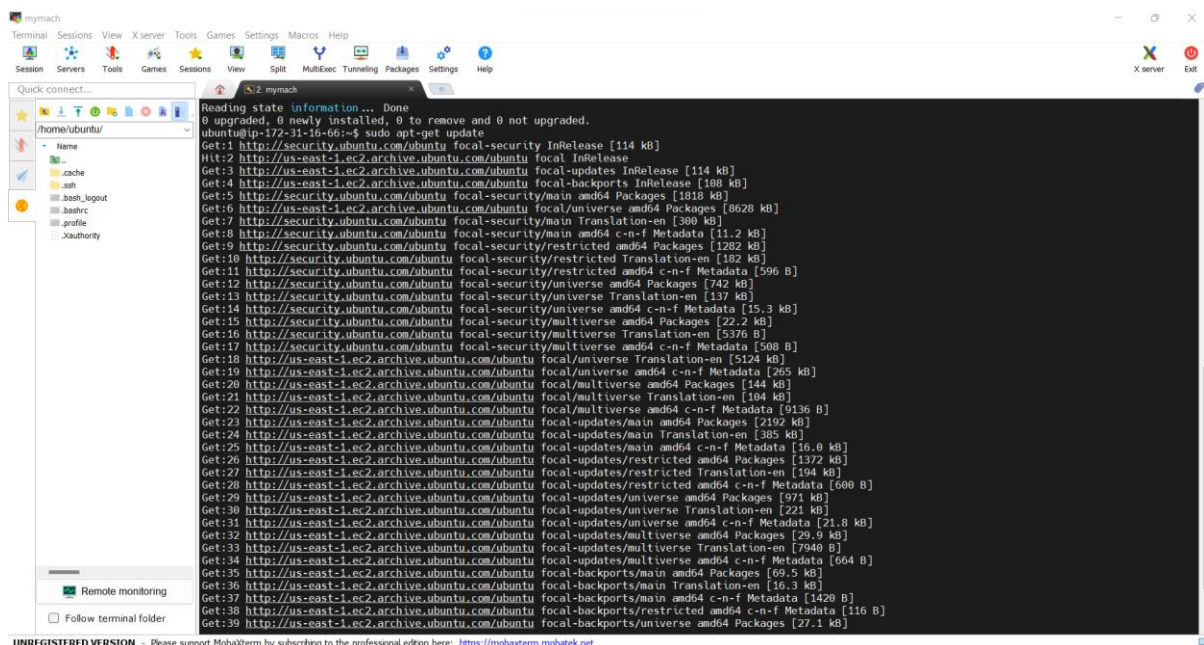


The screenshot shows a terminal window titled 'mymach' with a menu bar (Terminal, Sessions, View, X server, Tools, Games, Settings, Macros, Help) and a toolbar. On the left, there's a 'Quick connect...' sidebar with a file explorer showing the path '/home/ubuntu/'. The terminal output shows the command 'ubuntu@ip-172-31-21-144:~\$ sudo apt-get install' being executed. The output indicates that package lists are being read, a dependency tree is being built, and state information is being read. It reports that 0 packages were upgraded, 0 were newly installed, 0 were to be removed, and 48 were not upgraded. The prompt returns to 'ubuntu@ip-172-31-21-144:~\$'.

```
ubuntu@ip-172-31-21-144:~$ sudo apt-get install
Reading package lists ... Done
Building dependency tree
Reading state information ... Done
0 upgraded, 0 newly installed, 0 to remove and 48 not upgraded.
ubuntu@ip-172-31-21-144:~$
```

2) To update the docker

sudo apt-get update



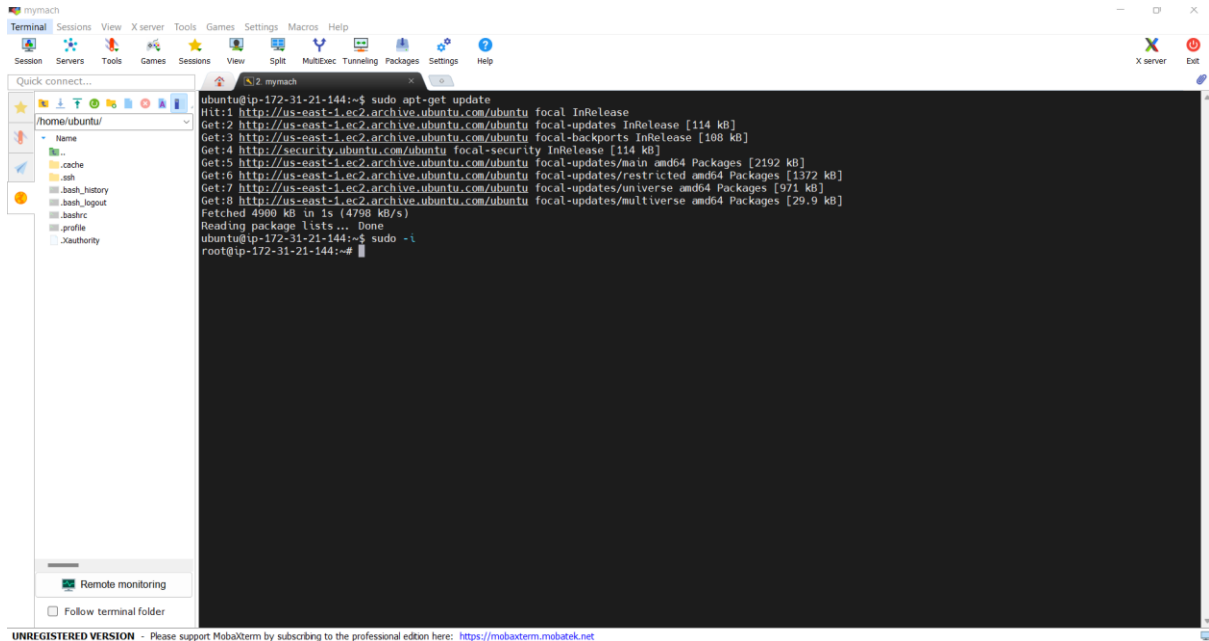
The screenshot shows the same terminal window as before, but now displaying the output of 'sudo apt-get update'. It shows a list of updates from various sources, including security updates, focal security updates, focal universe updates, focal multiverse updates, focal backports updates, and focal updates. Each line indicates the source, the package name, and the size of the update. The list ends with 'Get:39 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [27.1 kB]'. At the bottom of the terminal, there is a message: 'UNREGISTERED VERSION - Please support MobaxTerm by subscribing to the professional edition here: https://mobaxterm.mobatek.net'.

```
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
ubuntu@ip-172-31-16-66:~$ sudo apt-get update
Get:1 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal InRelease
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:5 http://security.ubuntu.com/ubuntu focal-security/main amd64 Packages [1818 kB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/universe amd64 Packages [8628 kB]
Get:7 http://security.ubuntu.com/ubuntu focal-security/main Translation-en [380 kB]
Get:8 http://security.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [11.2 kB]
Get:9 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [1282 kB]
Get:10 http://security.ubuntu.com/ubuntu focal-security/restricted Translation-en [182 kB]
Get:11 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 c-n-f Metadata [596 B]
Get:12 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [742 kB]
Get:13 http://security.ubuntu.com/ubuntu focal-security/universe Translation-en [137 kB]
Get:14 http://security.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [15.3 kB]
Get:15 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [22.2 kB]
Get:16 http://security.ubuntu.com/ubuntu focal-security/multiverse Translation-en [5376 B]
Get:17 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 c-n-f Metadata [508 B]
Get:18 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/universe Translation-en [5124 kB]
Get:19 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/universe amd64 c-n-f Metadata [265 kB]
Get:20 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/multiverse amd64 Packages [144 kB]
Get:21 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/multiverse Translation-en [104 kB]
Get:22 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/multiverse amd64 c-n-f Metadata [9136 B]
Get:23 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [2192 kB]
Get:24 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/main Translation-en [385 kB]
Get:25 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/main amd64 c-n-f Metadata [16.0 kB]
Get:26 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [1372 kB]
Get:27 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/restricted Translation-en [194 kB]
Get:28 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 c-n-f Metadata [600 B]
Get:29 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [971 kB]
Get:30 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [221 kB]
Get:31 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f Metadata [21.8 kB]
Get:32 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [29.9 kB]
Get:33 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/multiverse Translation-en [7940 B]
Get:34 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 c-n-f Metadata [664 B]
Get:35 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports/main amd64 Packages [69.5 kB]
Get:36 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports/main Translation-en [16.3 kB]
Get:37 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports/main amd64 c-n-f Metadata [1420 B]
Get:38 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports/restricted amd64 c-n-f Metadata [116 B]
Get:39 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [27.1 kB]
```

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3) To Make our docker root user

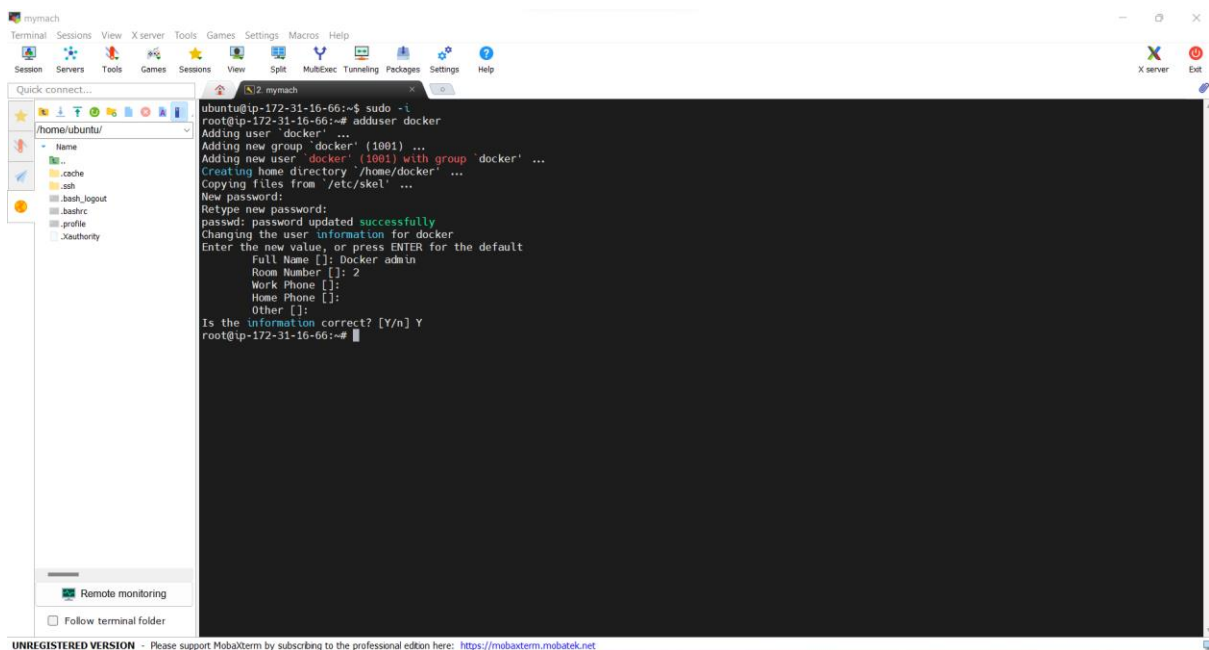
sudo -i



```
ubuntu@ip-172-31-21-144:~$ sudo apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:4 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [2192 kB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [1372 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [971 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [29.9 kB]
Fetched 4900 kB in 1s (4798 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-21-144:~$ sudo -i
root@ip-172-31-21-144:~#
```

4) To add a user

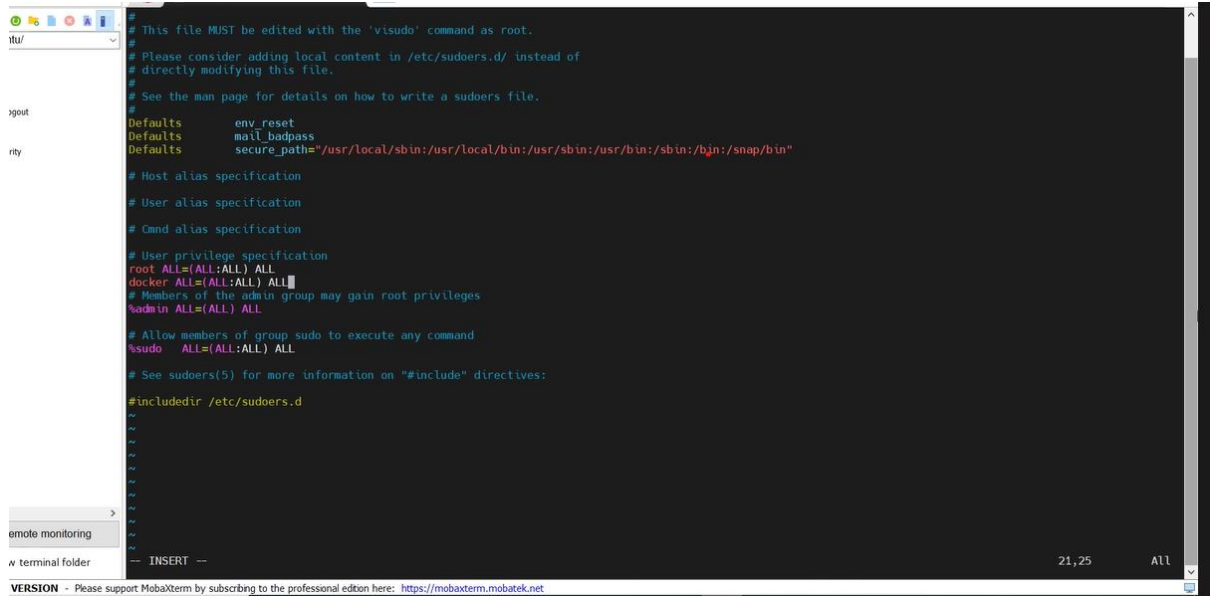
adduser docker



```
ubuntu@ip-172-31-16-66:~$ sudo -i
root@ip-172-31-16-66:~# adduser docker
Adding user 'docker' ...
Adding new group 'docker' (1001) ...
Adding new user 'docker' (1001) with group 'docker' ...
Creating home directory '/home/docker' ...
Copying files from '/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for docker
Enter the new value, or press ENTER for the default
  Full Name []: Docker admin
    Room Number []: 2
     Work Phone []:
    Home Phone []:
      Other []:
Is the information correct? [Y/n] Y
root@ip-172-31-16-66:~#
```

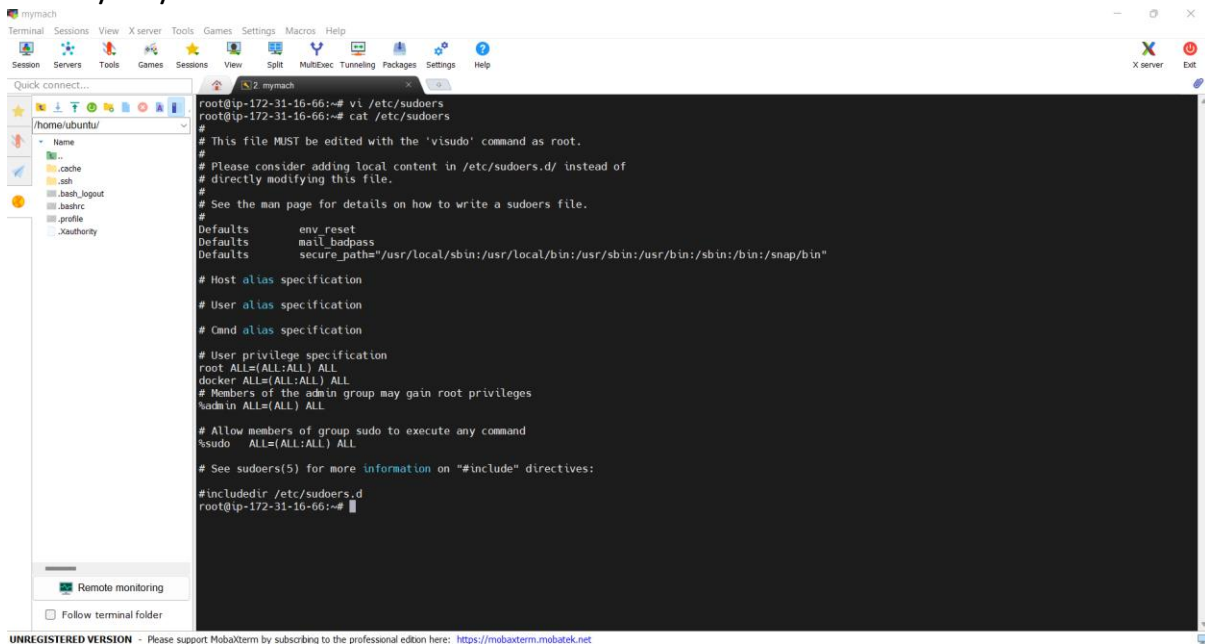
5) To give the root permissions

vi /etc/sudoers

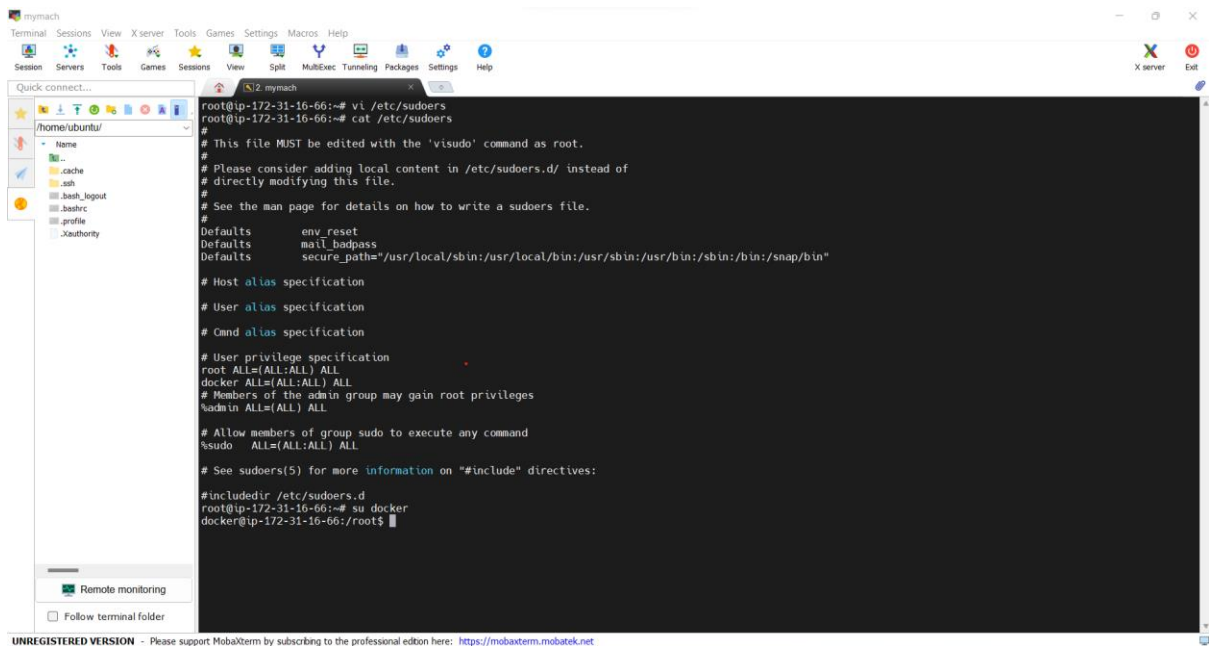


6)To see the permissions

```
Cat /etc/sudoers
```



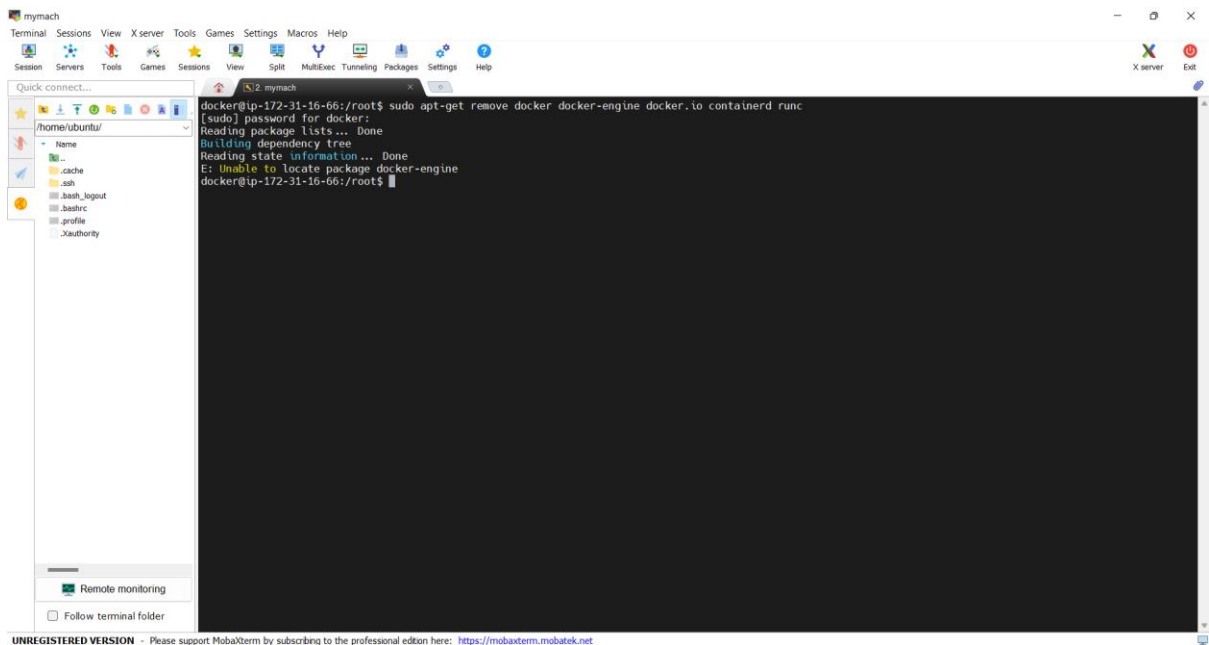
To check it is working or not
su docker



```
root@ip-172-31-16-66:~# vi /etc/sudoers
root@ip-172-31-16-66:~# cat /etc/sudoers
#
# This file MUST be edited with the 'visudo' command as root.
#
# Please consider adding local content in /etc/sudoers.d/ instead of
# directly modifying this file.
#
# See the man page for details on how to write a sudoers file.
#
Defaults    env_reset
Defaults    mail_badpass
Defaults    secure_path="/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/snap/bin"
# Host alias specification
#
# User alias specification
#
# Cmnd alias specification
#
# User privilege specification
root    ALL=(ALL:ALL) ALL
docker  ALL=(ALL:ALL) ALL
# Members of the admin group may gain root privileges
%admin   ALL=(ALL) ALL
#
# Allow members of group sudo to execute any command
%sudo   ALL=(ALL:ALL) ALL
#
# See sudoers(5) for more information on "#include" directives:
#includedir /etc/sudoers.d
root@ip-172-31-16-66:~# su docker
docker@ip-172-31-16-66:/root$
```

7)To uninstall the previous docker machine

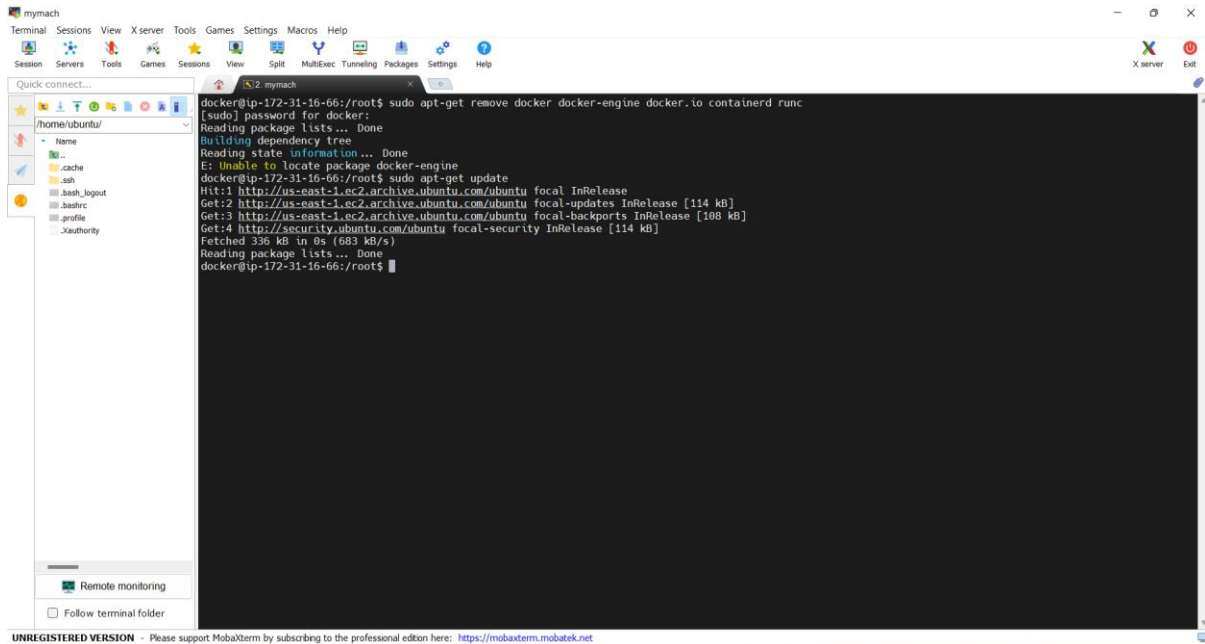
sudo apt-get remove docker docker-engine docker.io containerd runc



```
docker@ip-172-31-16-66:/root$ sudo apt-get remove docker docker-engine docker.io containerd runc
[sudo] password for docker:
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package docker-engine
docker@ip-172-31-16-66:/root$
```

8) first we need to update our box

sudo apt-get update



```
docker@ip-172-31-16-66:/root$ sudo apt-get remove docker docker-engine docker.io containerd runc
[sudo] password for docker:
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package docker-engine
docker@ip-172-31-16-66:/root$ sudo apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:4 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Fetched 336 kB in 0s (683 kB/s)
Reading package lists... Done
docker@ip-172-31-16-66:/root$
```

Now we need a certificate

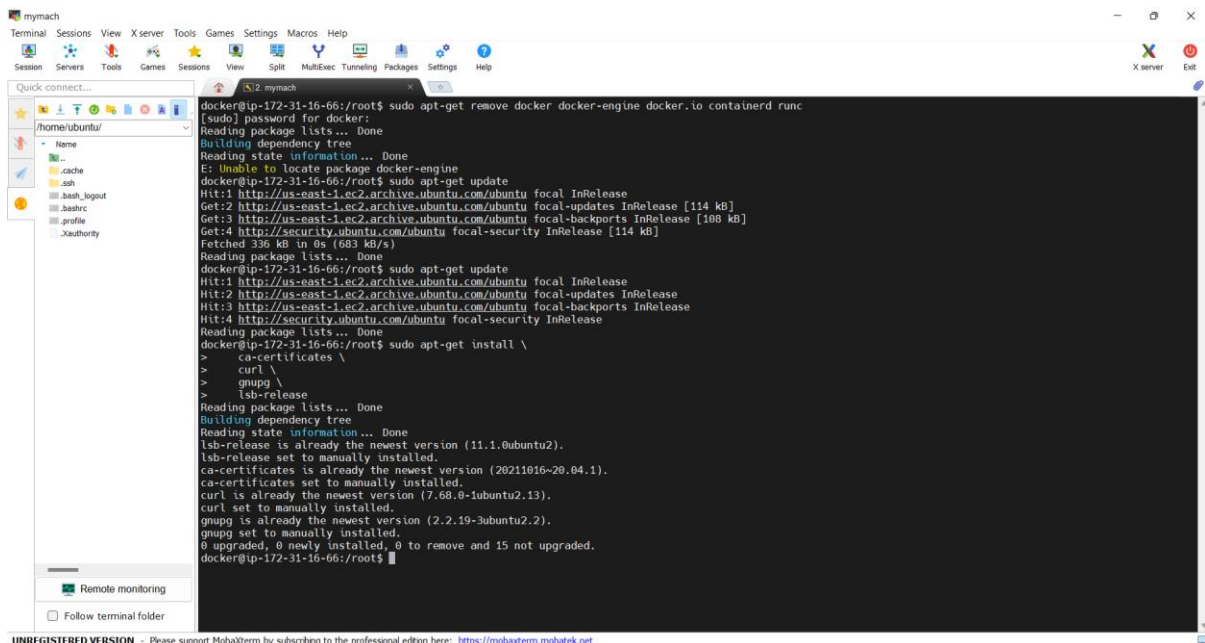
sudo apt-get install \

ca-certificates \

curl \

gnupg \

lsb-release

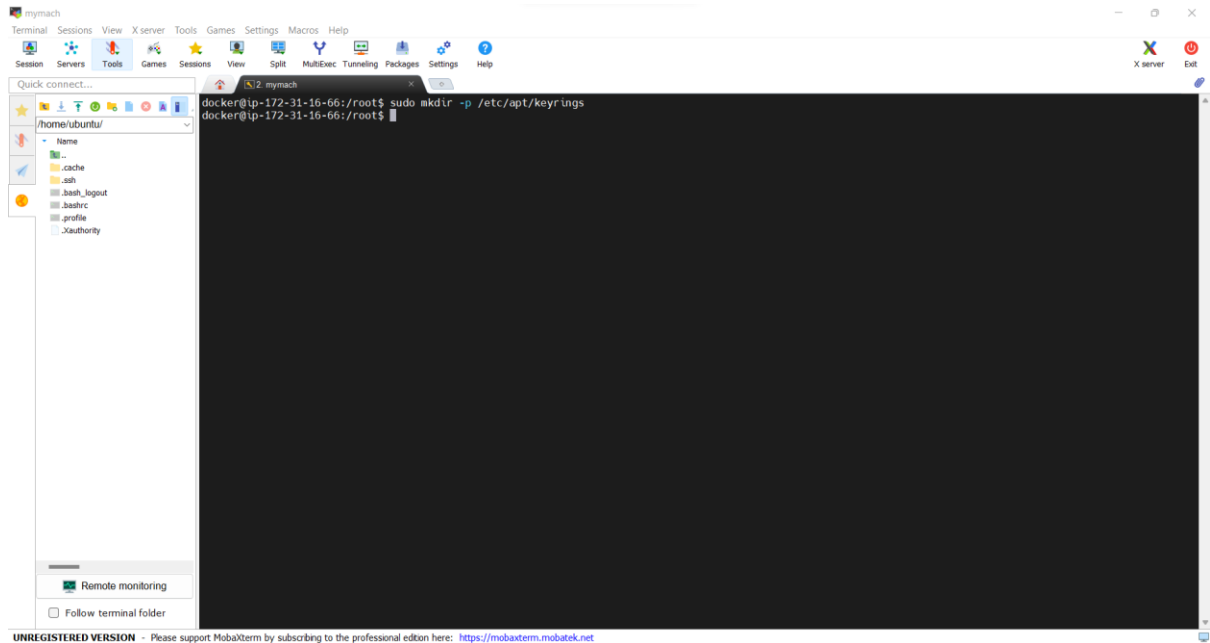


```
docker@ip-172-31-16-66:/root$ sudo apt-get remove docker docker-engine docker.io containerd runc
[sudo] password for docker:
Reading package lists... Done
Building dependency tree
Reading state information... Done
E: Unable to locate package docker-engine
docker@ip-172-31-16-66:/root$ sudo apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:4 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Fetched 336 kB in 0s (683 kB/s)
Reading package lists... Done
docker@ip-172-31-16-66:/root$ sudo apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu focal-security InRelease
Fetched 336 kB in 0s (683 kB/s)
Reading package lists... Done
docker@ip-172-31-16-66:/root$ sudo apt-get install \
> ca-certificates \
> curl \
> gnupg \
> lsb-release
Reading package lists... Done
Building dependency tree
Reading state information... Done
lsb-release is already the newest version (11.1.0ubuntu2).
lsb-release set to manually installed.
ca-certificates is already the newest version (20211016~20.04.1).
ca-certificates set to manually installed.
curl is already the newest version (7.68.0-1ubuntu2.13).
curl set to manually installed.
gnupg is already the newest version (2.2.19-3ubuntu2.2).
gnupg set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 15 not upgraded.
docker@ip-172-31-16-66:/root$
```


9)To add a docker official GPG key

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

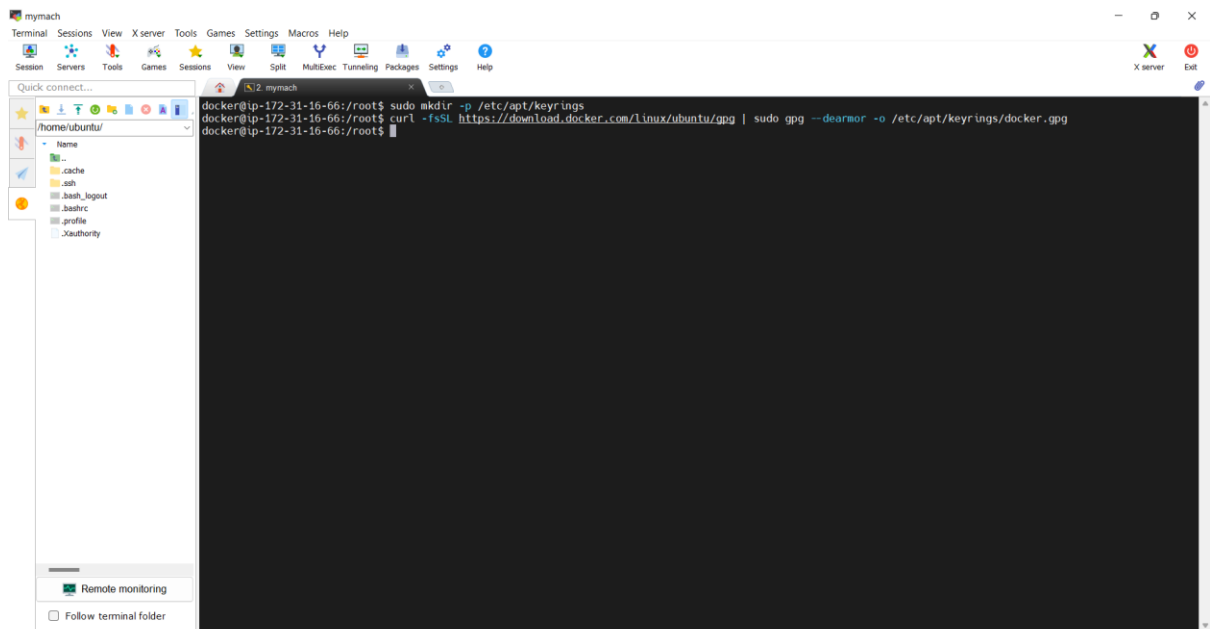
2)curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg



The screenshot shows a terminal window titled 'mymach' with a menu bar (Terminal, Sessions, View, X server, Tools, Games, Settings, Macros, Help) and a toolbar. On the left is a 'Quick connect...' sidebar with a file explorer showing the directory structure of /home/ubuntu/. The terminal itself shows a shell prompt 'docker@ip-172-31-16-66:/root\$' followed by the command 'sudo mkdir -p /etc/apt/keyrings'. The command has been executed successfully, and the prompt is now 'docker@ip-172-31-16-66:/root\$'.

```
docker@ip-172-31-16-66:/root$ sudo mkdir -p /etc/apt/keyrings
docker@ip-172-31-16-66:/root$
```

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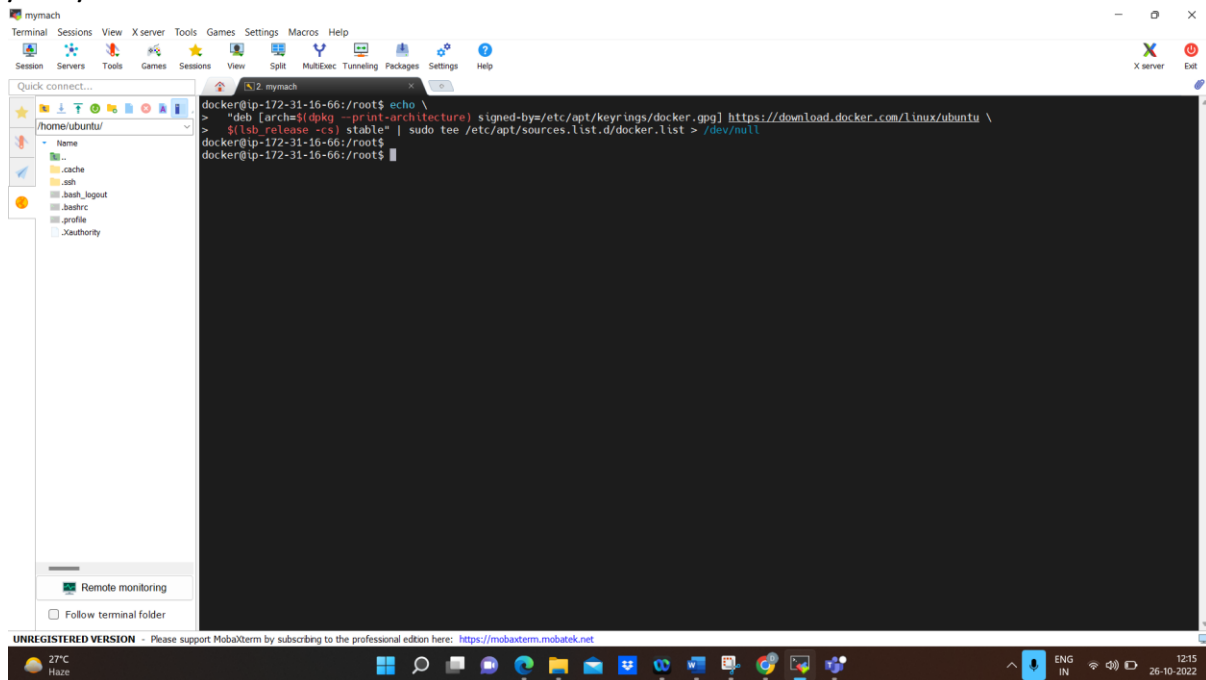
This screenshot shows the same terminal window as the previous one, but now the second command is being entered. The terminal shows the first command's output, followed by the second command 'curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg'. The prompt is now 'docker@ip-172-31-16-66:/root\$'.

```
docker@ip-172-31-16-66:/root$ sudo mkdir -p /etc/apt/keyrings
docker@ip-172-31-16-66:/root$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
docker@ip-172-31-16-66:/root$
```

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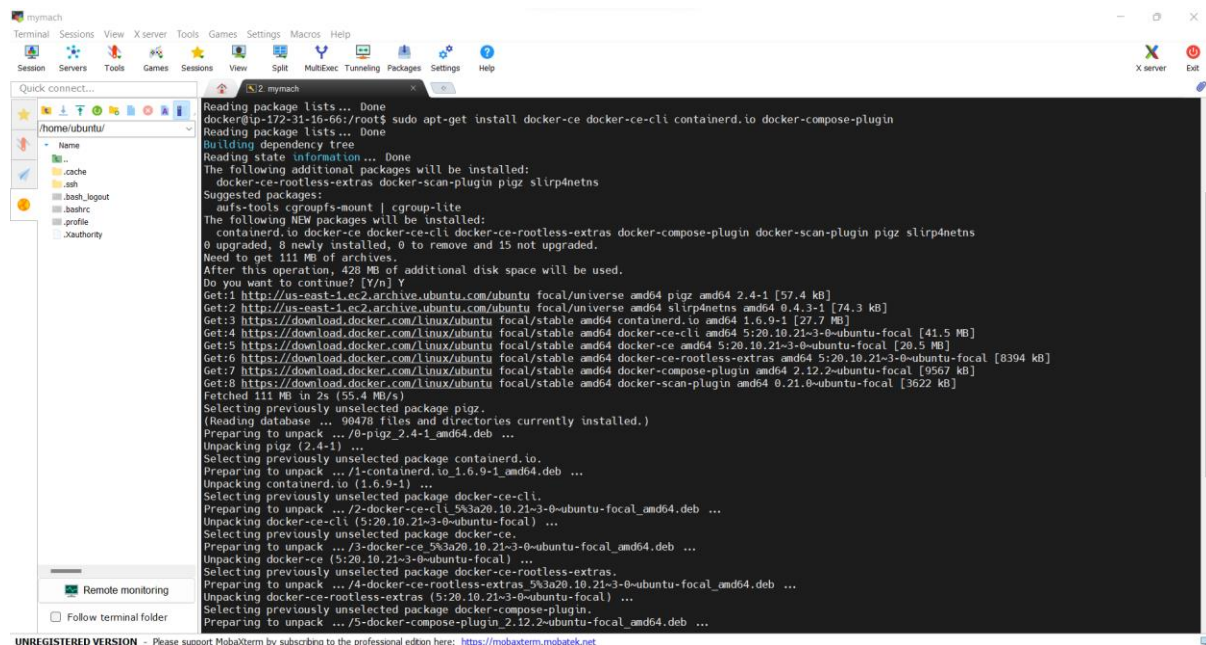
10) To setup the repository

```
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

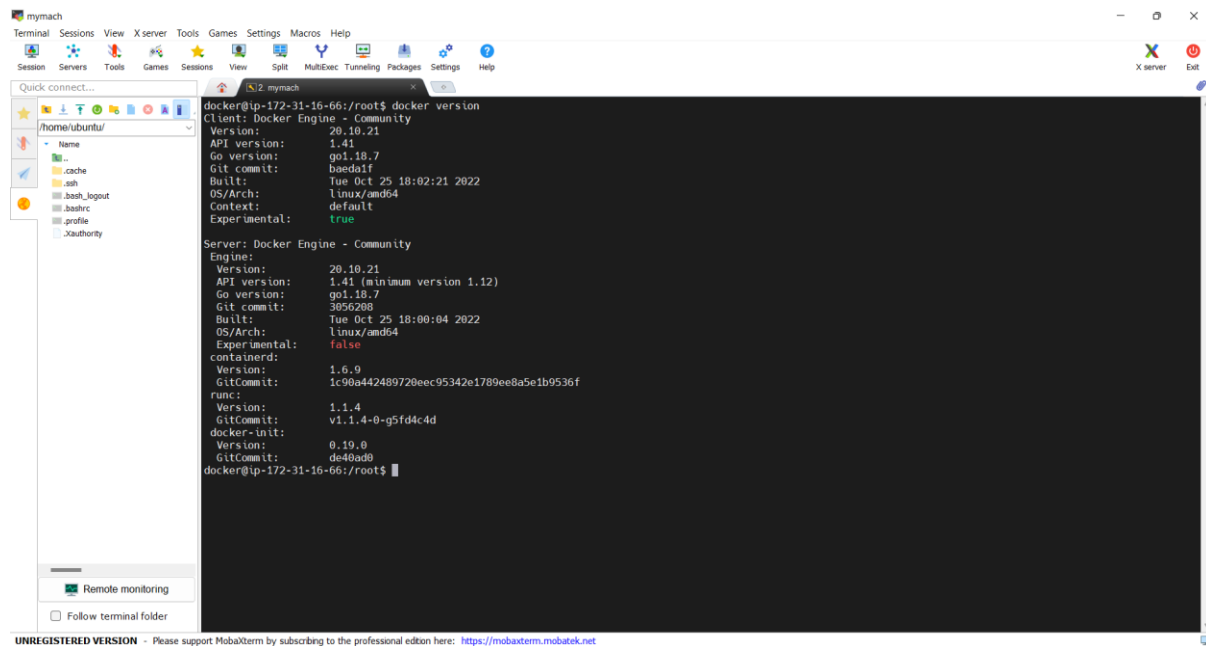
sudo apt-get install docker-ce docker-ce-cli containerd.io docker-compose-plugin



```
Reading package lists... Done
docker@ip-172-31-16-66:/root$ sudo apt-get install docker-ce docker-ce-cli containerd.io docker-compose-plugin
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  docker-ce-rootless-extras docker-scan-plugin pigz slurp4netns
Suggested packages:
  aufs-tools cgroupfs-mount | cgroup-lite
The following NEW packages will be installed:
  containerd.io docker-ce docker-ce-cli docker-ce-rootless-extras docker-compose-plugin docker-scan-plugin pigz slurp4netns
0 upgraded, 8 newly installed, 0 to remove and 15 not upgraded.
Need to get 111 MB of archives.
After this operation, 428 MB of additional disk space will be used.
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/universe amd64 pigz amd64 2.4-1 [57.4 kB]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal/universe amd64 slurp4netns amd64 0.4.3-1 [74.3 kB]
Get:3 https://download.docker.com/linux/ubuntu focal/stable amd64 containerd.io amd64 1.6.9-1 [27.7 MB]
Get:4 https://download.docker.com/linux/ubuntu focal/stable amd64 docker-ce-cli amd64 5:20.10.21~3-0-ubuntu-focal [41.5 MB]
Get:5 https://download.docker.com/linux/ubuntu focal/stable amd64 docker-ce amd64 5:20.10.21~3-0-ubuntu-focal [20.5 MB]
Get:6 https://download.docker.com/linux/ubuntu focal/stable amd64 docker-ce-rootless-extras amd64 5:20.10.21~3-0-ubuntu-focal [8394 kB]
Get:7 https://download.docker.com/linux/ubuntu focal/stable amd64 docker-compose-plugin amd64 2.12.2-ubuntu-focal [9567 kB]
Get:8 https://download.docker.com/linux/ubuntu focal/stable amd64 docker-scan-plugin amd64 0.21.0-ubuntu-focal [3622 kB]
Fetched 111 MB in 2s (55.4 MB/s)
Selecting previously unselected package pigz.
(Reading database ... 90478 files and directories currently installed.)
Preparing to unpack .../0-pigz_2.4-1_amd64.deb ...
Unpacking pigz (2.4-1) ...
Selecting previously unselected package containerd.io.
Preparing to unpack .../1-containerd.io_1.6.9-1_amd64.deb ...
Unpacking containerd.io (1.6.9-1) ...
Selecting previously unselected package docker-ce-cli.
Preparing to unpack .../2-docker-ce-cli_5:20.10.21~3-0-ubuntu-focal_amd64.deb ...
Unpacking docker-ce-cli (5:20.10.21~3-0-ubuntu-focal) ...
Selecting previously unselected package docker-ce.
Preparing to unpack .../3-docker-ce_5:20.10.21~3-0-ubuntu-focal_amd64.deb ...
Unpacking docker-ce (5:20.10.21~3-0-ubuntu-focal) ...
Selecting previously unselected package docker-ce-rootless-extras.
Preparing to unpack .../4-docker-ce-rootless-extras_5:20.10.21~3-0-ubuntu-focal_amd64.deb ...
Unpacking docker-ce-rootless-extras (5:20.10.21~3-0-ubuntu-focal) ...
Selecting previously unselected package docker-compose-plugin.
Preparing to unpack .../5-docker-compose-plugin_2.12.2-ubuntu-focal_amd64.deb ...
Unpacking docker-compose-plugin (2.12.2-ubuntu-focal) ...
```

12) To see the docker version

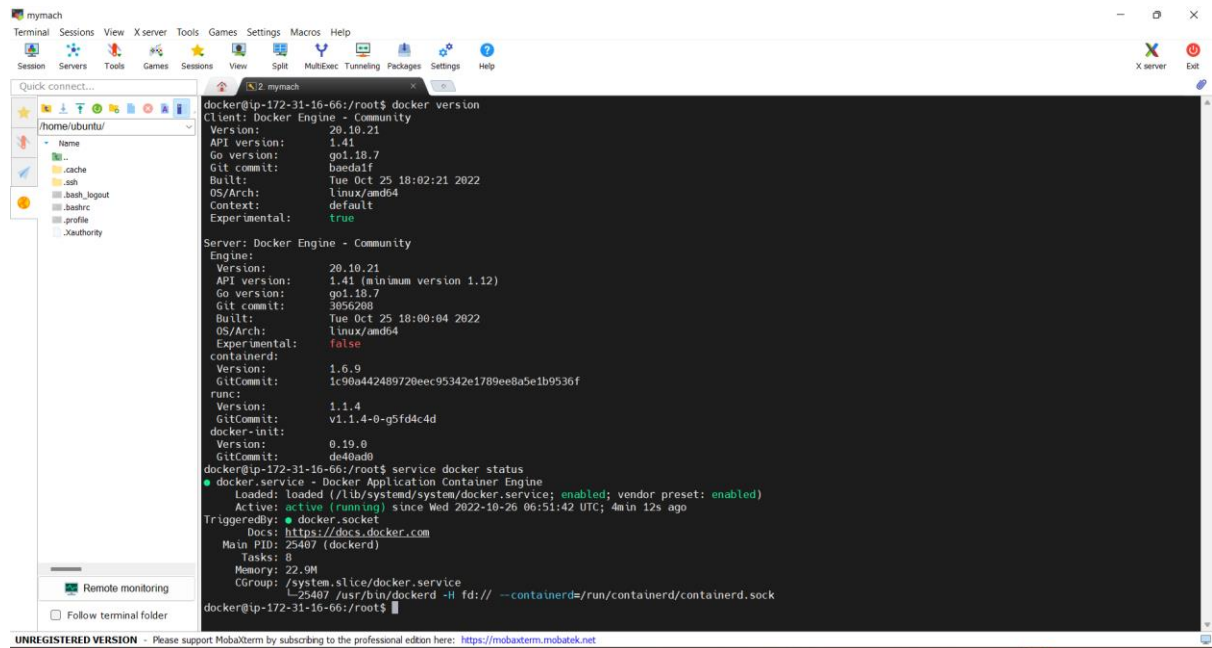
docker version or docker --version



```
docker@ip-172-31-16-66:/root$ docker version
Client: Docker Engine - Community
 Version: 20.10.21
 API version: 1.41
 Go version: go1.18.7
 Git commit: baedaf1
 Built: Tue Oct 25 18:02:21 2022
 OS/Arch: linux/amd64
 Context: default
 Experimental: true

Server: Docker Engine - Community
 Engine:
  Version: 20.10.21
  API version: 1.41 (minimum version 1.12)
  Go version: go1.18.7
  Git commit: 3056208
  Built: Tue Oct 25 18:00:04 2022
  OS/Arch: linux/amd64
  Experimental: false
 containerd:
  Version: 1.6.9
  GitCommit: 1c90a442489720e0c95342e1789ee8a5e1b9536f
 runc:
  Version: 1.1.4
  GitCommit: v1.1.4-0-g5fd4c4d
  Version: 0.19.0
  GitCommit: de40ad0
docker@ip-172-31-16-66:/root$
```

13) To see Docker is working fine or not service docker status



```
docker@ip-172-31-16-66:/root$ docker version
Client: Docker Engine - Community
Version: 20.10.21
API version: 1.41
Go version: go1.18.7
Git commit: baedaf1
Built: Tue Oct 25 18:02:21 2022
OS/Arch: linux/amd64
Context: default
Experimental: true

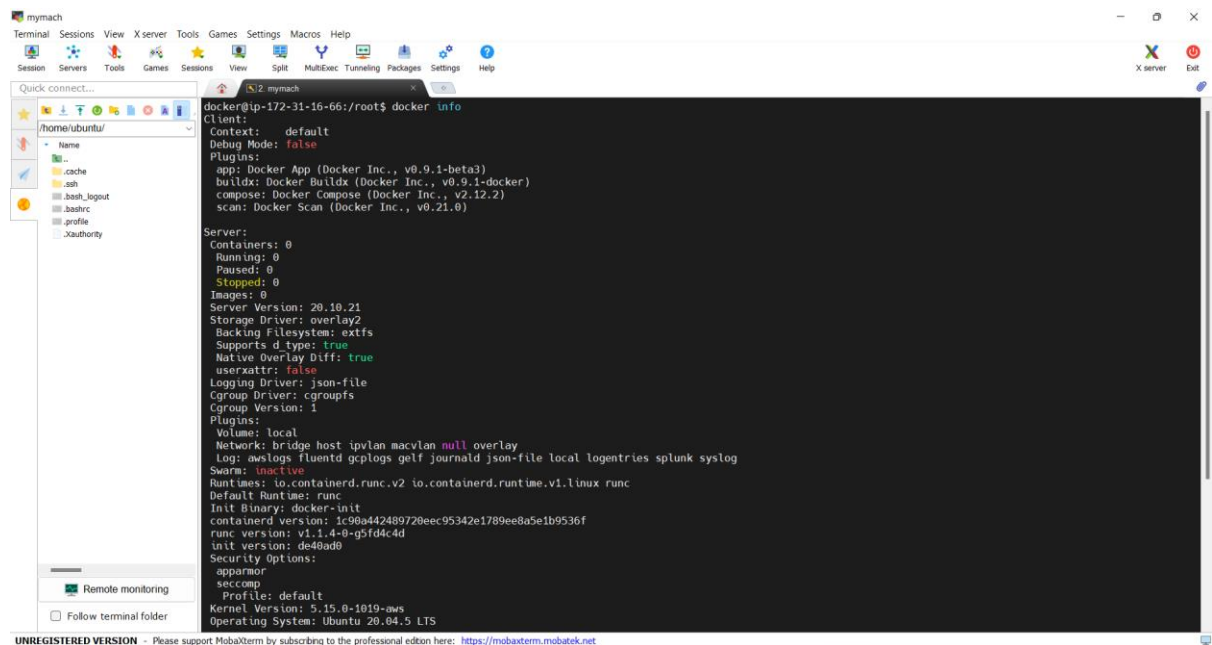
Server: Docker Engine - Community
Engine:
Version: 20.10.21
API version: 1.41 (minimum version 1.12)
Go version: go1.18.7
Git commit: 3056208
Built: Tue Oct 25 18:00:04 2022
OS/Arch: linux/amd64
Experimental: false
containerd:
Version: 1.6.9
GitCommit: 1c90a442489720e0c95342e1789ee8a5e1b9536f
runc:
Version: 1.1.4
GitCommit: v1.1.4-0-g5fd4c4d
docker-init:
Version: 0.19.0
GitCommit: de40ad9

docker@ip-172-31-16-66:/root$ service docker status
● docker.service - Docker Application Container Engine
   Loaded: loaded (/lib/systemd/system/docker.service; enabled; vendor preset: enabled)
   Active: active (running) since Wed 2022-10-26 06:51:42 UTC; 4min 12s ago
   TriggeredBy: ● docker.socket
   Docs: https://docs.docker.com
   Main PID: 25407 (dockerd)
   Tasks: 8
   Memory: 22.9M
   CGroup: /system.slice/docker.service
           └─25407 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

docker@ip-172-31-16-66:/root$
```

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

docker info

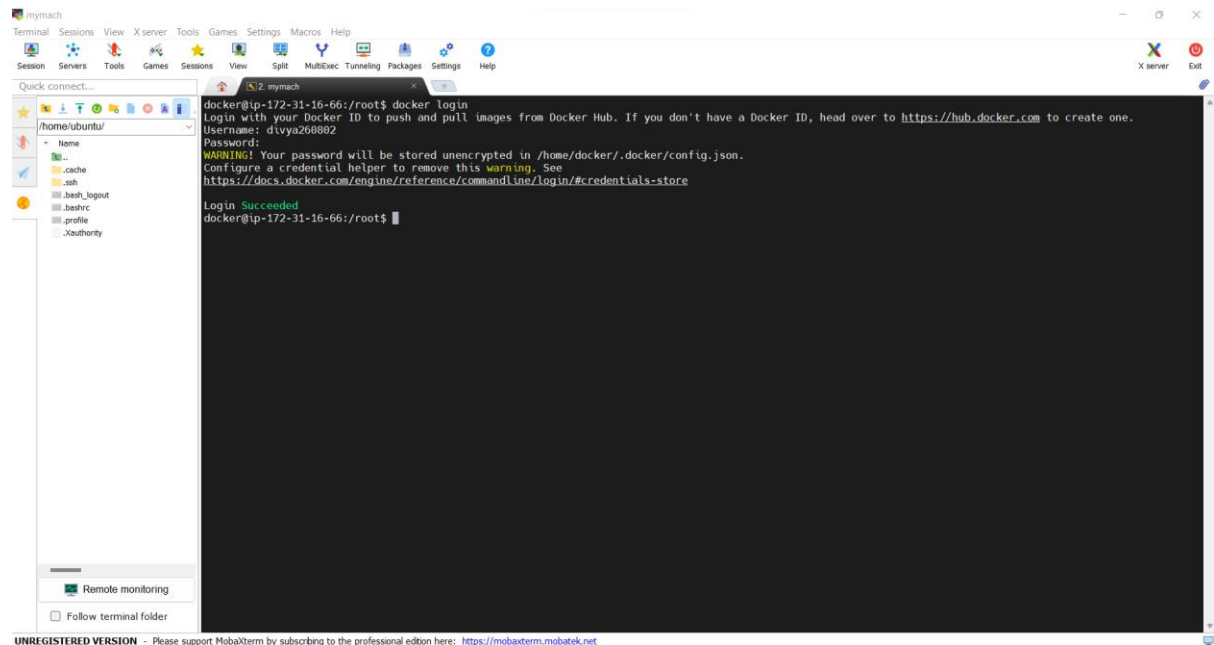


```
docker@ip-172-31-16-66:/root$ docker info

Client:
Context: default
Debug Mode: false
Plugins:
  app: Docker App (Docker Inc., v0.9.1-beta3)
  buildx: Docker Buildx (Docker Inc., v0.9.1-docker)
  compose: Docker Compose (Docker Inc., v2.12.2)
  scan: Docker Scan (Docker Inc., v0.21.0)

Server:
Containers: 0
  Running: 0
  Paused: 0
  Stopped: 0
Images: 0
Server Version: 20.10.21
Storage Driver: overlay2
  Backing Filesystem: extfs
  Supports d_type: true
  Native Overlay Diff: true
  userxattr: false
Logging Driver: json-file
Cgroup Driver: cgroupfs
Cgroup Version: 1
Plugins:
  Volume: local
  Network: bridge host ipvlan macvlan null overlay
  Log: awslogs fluentd gcplogs gelf journald json-file local logentries splunk syslog
Swarm: inactive
Runtimes: io.containerd.runc.v2 io.containerd.runtime.v1.linux runc
Default Runtime: runc
Init Binary: docker-init
  containerd version: 1c90a442489720e0c95342e1789ee8a5e1b9536f
  runc version: v1.1.4-0-g5fd4c4d
  init version: de40ad9
Security Options:
  apparmor
  seccomp
   Profile: default
Kernel Version: 5.15.0-1019-aws
Operating System: Ubuntu 20.04.5 LTS
```

15) To login the docker docker login

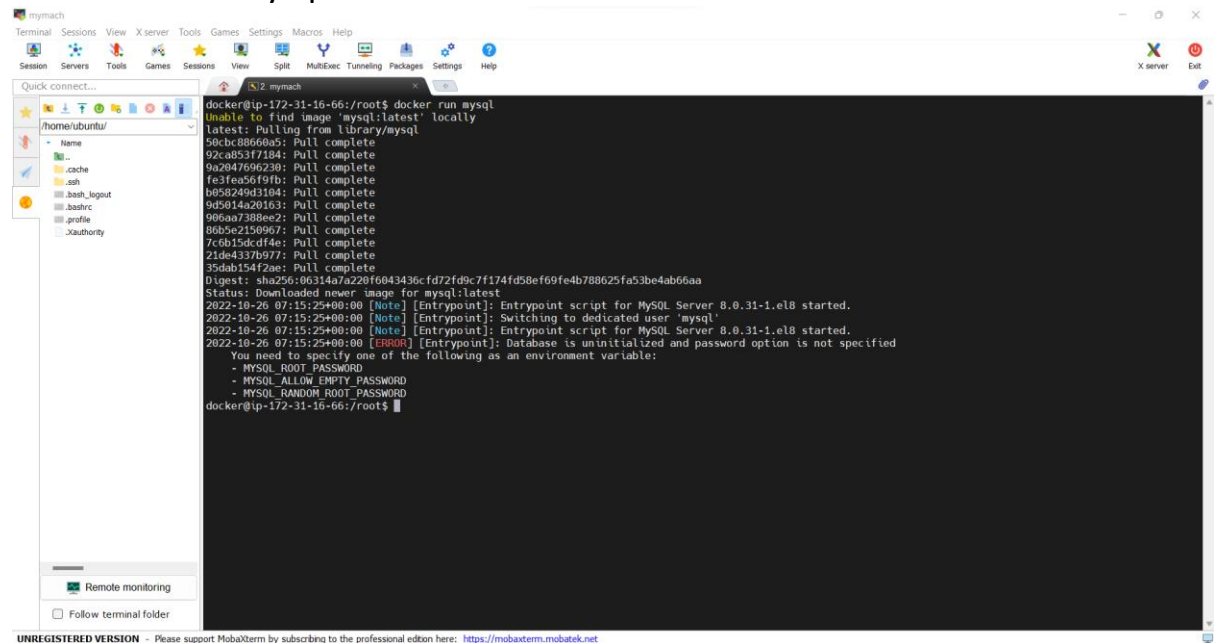


```
docker@ip-172-31-16-66:/root$ docker login
Login with your Docker ID to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com to create one.
Username: divya268892
Password:
WARNING! Your password will be stored unencrypted in /home/docker/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
docker@ip-172-31-16-66:/root$
```

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16) To install docker mysql docker run mysql

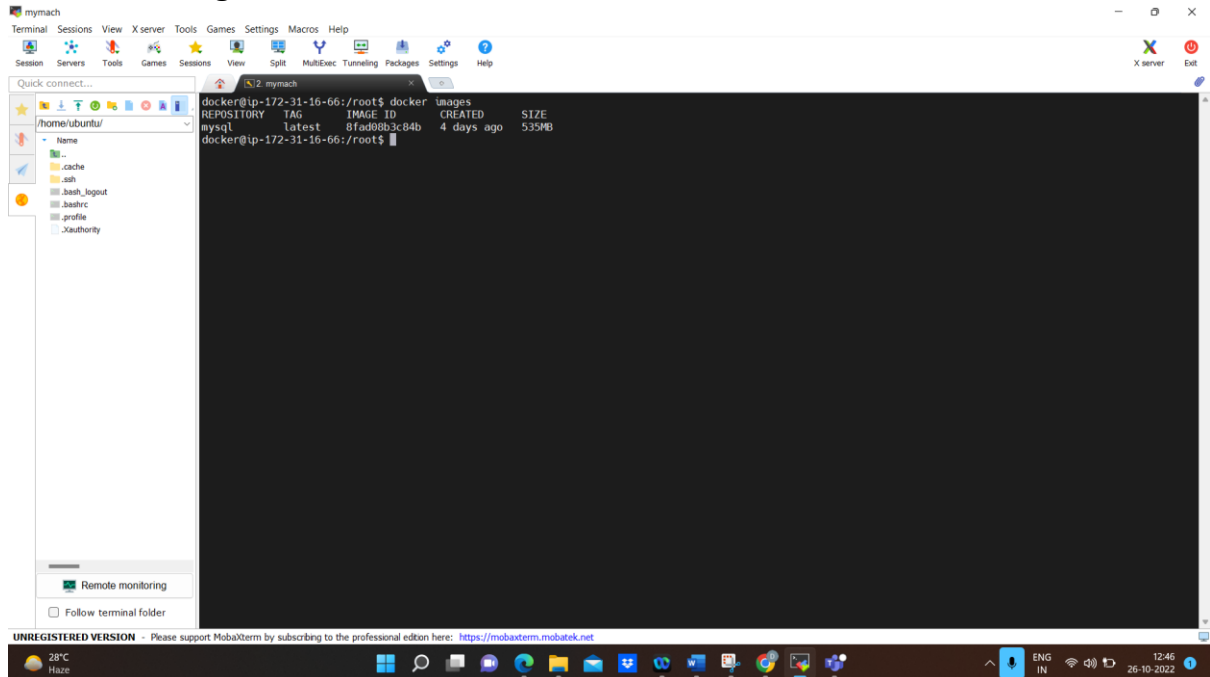


```
docker@ip-172-31-16-66:/root$ docker run mysql
Unable to find image 'mysql:latest' locally
latest: Pulling from library/mysql
58c8c88660a5: Pull complete
92ca853f7184: Pull complete
9a2047696230: Pull complete
fe3fa56f9fb: Pull complete
b850249d3104: Pull complete
9d591420163: Pull complete
986aa7388ee2: Pull complete
80b5e2150967: Pull complete
7e6b15cdcf4e: Pull complete
21de4337b577: Pull complete
35dab154f2ae: Pull complete
Digest: sha256:06314a7a220f6043436cfd72fd9c7f174fd58ef69fe4b788625fa53be4ab66aa
Status: Downloaded newer image for mysql:latest
2022-10-26 07:15:25+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.0.31-1.el8 started.
2022-10-26 07:15:25+00:00 [Note] [Entrypoint]: Switching to dedicated user 'mysql'
2022-10-26 07:15:25+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.0.31-1.el8 started.
2022-10-26 07:15:25+00:00 [ERROR] [Entrypoint]: Database is uninitialized and password option is not specified
You need to specify one of the following as an environment variable:
- MYSQL_ROOT_PASSWORD
- MYSQL_ALLOW_EMPTY_PASSWORD
- MYSQL_RANDOM_ROOT_PASSWORD
docker@ip-172-31-16-66:/root$
```

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17) To see the images

Docker images



18) To remove the image mysql

Docker rmi -f imageid

