Question no: 2

1.pulling ubuntu latest version

```
root@kubemaster-vm:/home/kubemaster/jithu# docker pull ubuntu:latest
latest: Pulling from library/ubuntu
Digest: sha256:b59d21599a2b151e23eea5f6602f4af4d7d31c4e236d22bf0b62b86d2e386b8f
Status: Image is up to date for ubuntu:latest
docker.io/library/ubuntu:latest
```

2.Running that ubuntu image $checking the containers

```
root@kubemaster-vm:/home/kubemaster/jithu# docker run -dit --name jithu ubuntu
b7613bd6840cc5fe9ec369480634a1848d3a975a62f3ebe7fa97ba0096718e98
root@kubemaster-vm:/home/kubemaster/jithu# docker ps
CONTAINER ID    IMAGE      COMMAND      CREATED        STATUS          PORTS      NAMES
b7613bd6840c    ubuntu     "/bin/bash"  3 seconds ago  Up 2 seconds               jithu
```

3.Using this command going inside the container and checking the files using /bin/bash:

```
root@kubemaster-vm:/home/kubemaster/jithu# docker exec -it b7613 /bin/bash
root@b7613bd6840c:/# ls
bin  boot  dev  etc  home  lib  lib64  media  mnt  opt  proc  root  run  sbin  srv  sys  tmp  usr  var
root@b7613bd6840c:/#
```

4.Other way using /bin/sh

```
root@kubemaster-vm:/home/kubemaster/jithu# docker exec -it b7613 /bin/sh
# ls
bin  boot  dev  etc  home  lib  lib64  media  mnt  opt  proc  root  run  sbin  srv  sys  tmp  usr  var
#
```

5.stopping the resources and deleting it

```
root@kubemaster-vm:/home/kubemaster/jithu# docker stop b7613
b7613
```

6.Removed the container

```
root@kubemaster-vm:/home/kubemaster/jithu# docker rm b7613
b7613
```

7 .Removed my image(so cleaned up my resources)

```
root@kubemaster-vm:/home/kubemaster/jithu# docker ps
CONTAINER ID    IMAGE      COMMAND      CREATED      STATUS      PORTS      NAMES
root@kubemaster-vm:/home/kubemaster/jithu# docker rmi ubuntu
Untagged: ubuntu:latest
Untagged: ubuntu@sha256:b59d21599a2b151e23eea5f6602f4af4d7d31c4e236d22bf0b62b86d2e386b8f
Deleted: sha256:bf16bdcff9c96b76a6d417bd8f0a3abe0e55c0ed9bdb3549e906834e2592fd5f
Deleted: sha256:a8346d259389bc6221b4f3c61bad4e48087c5b82308e8f53ce703cfc8333c7b3
```