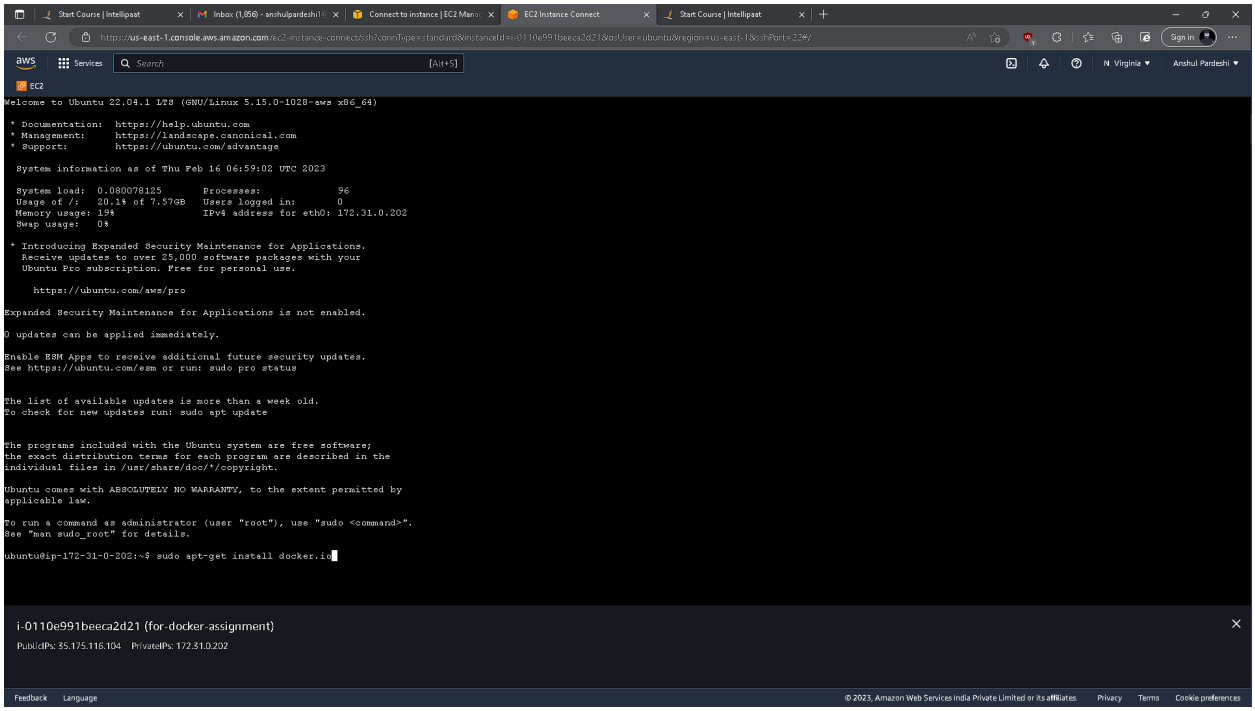
Docker –1

You have been asked to:

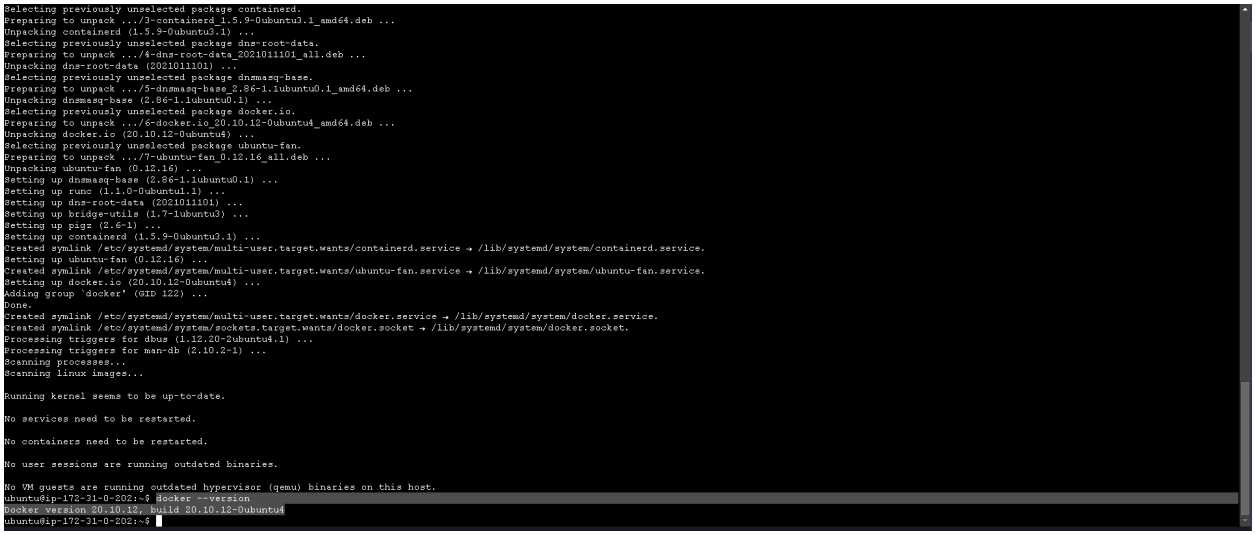
- Pull ubuntu image
- Run this container, and map port 80 on the local
- Install apache2 on this container
- Check if you are able to access the apache page on your browser

Let us install docker first. Use this command to install on ubuntu:

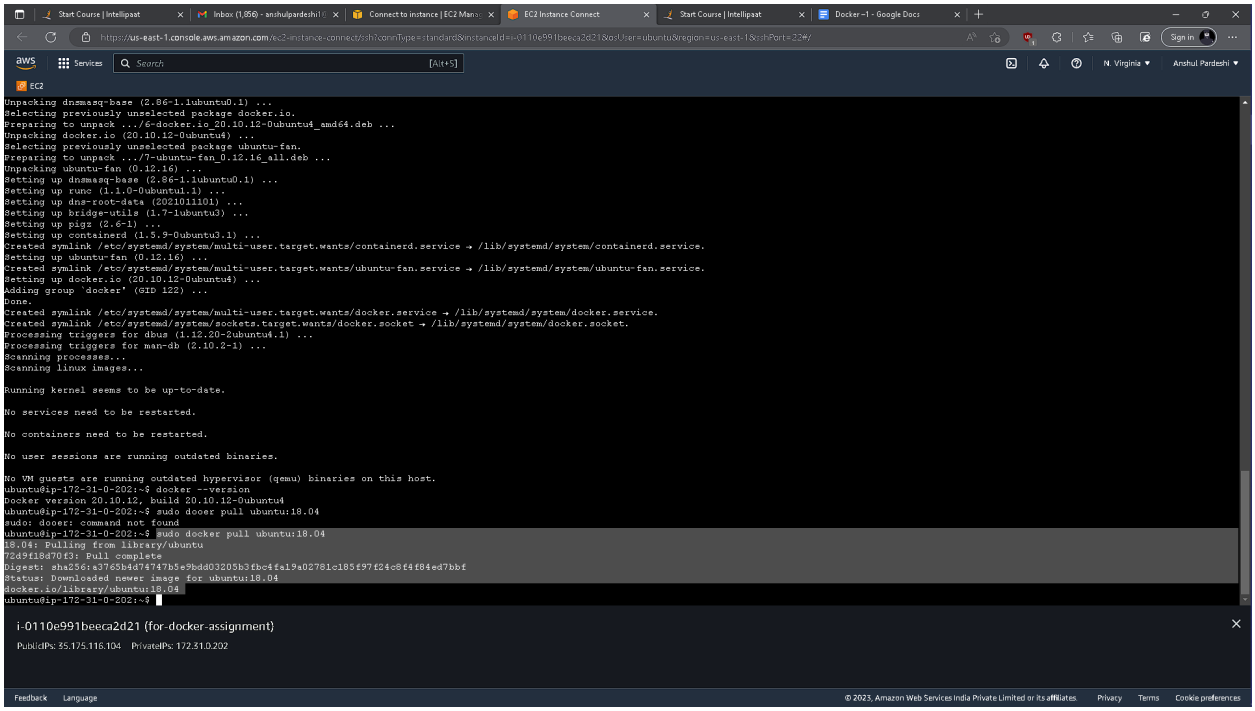
Sudo apt-get install docker.io -y



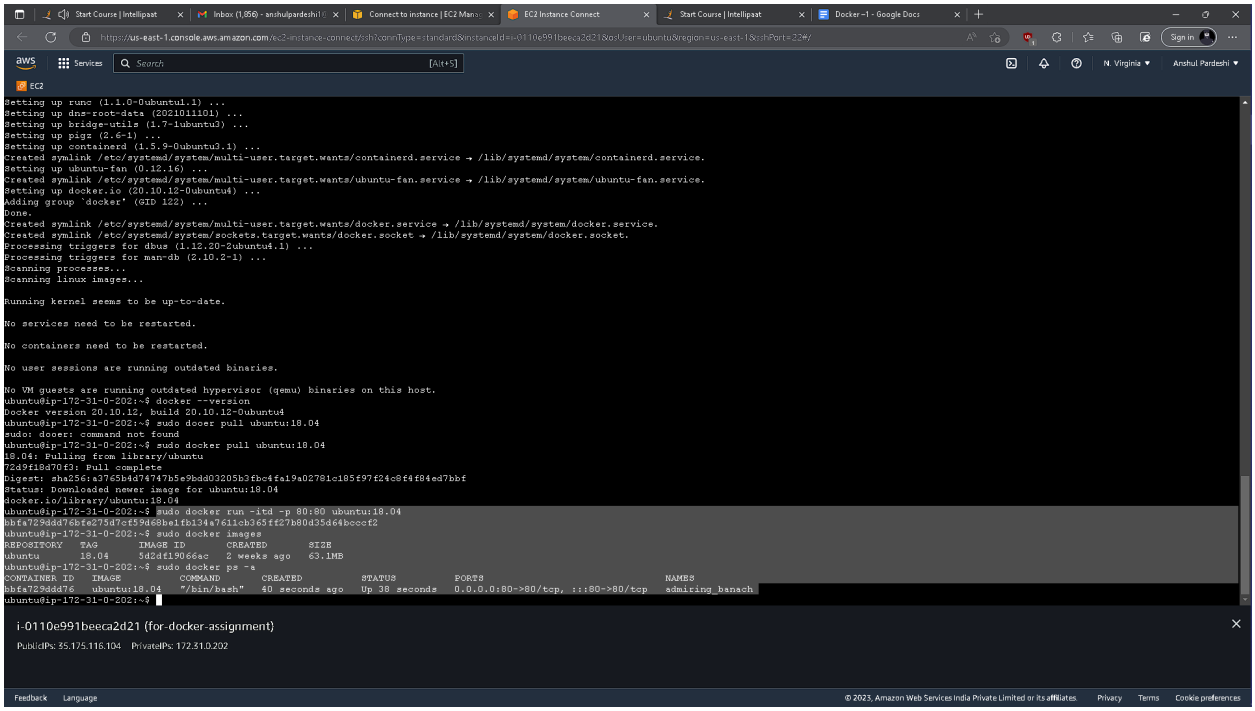
Check the version to confirm the installation using:Docker - -version



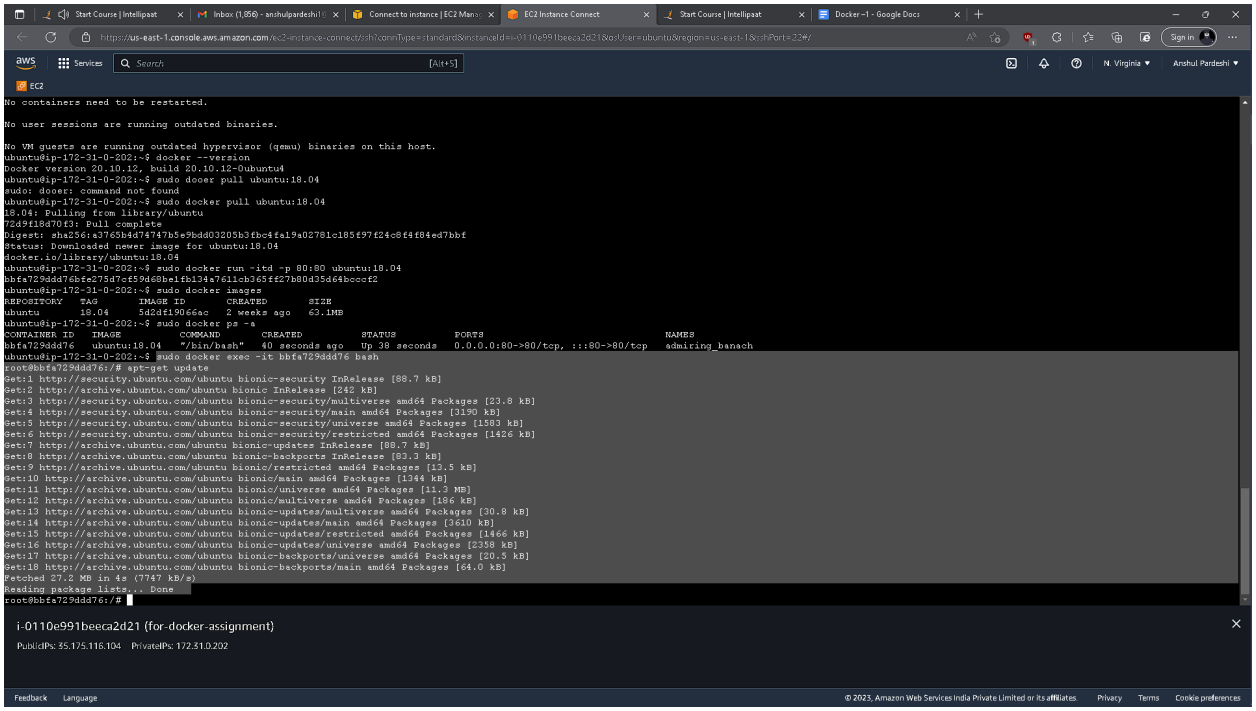
Now pull the Ubuntu image. For this use command: sudo docker pull ubuntu
Using this it may pull any ubuntu image. If you want to pull specifically say 18.04 ubuntu image use this command: sudo docker pull ubuntu:18.04



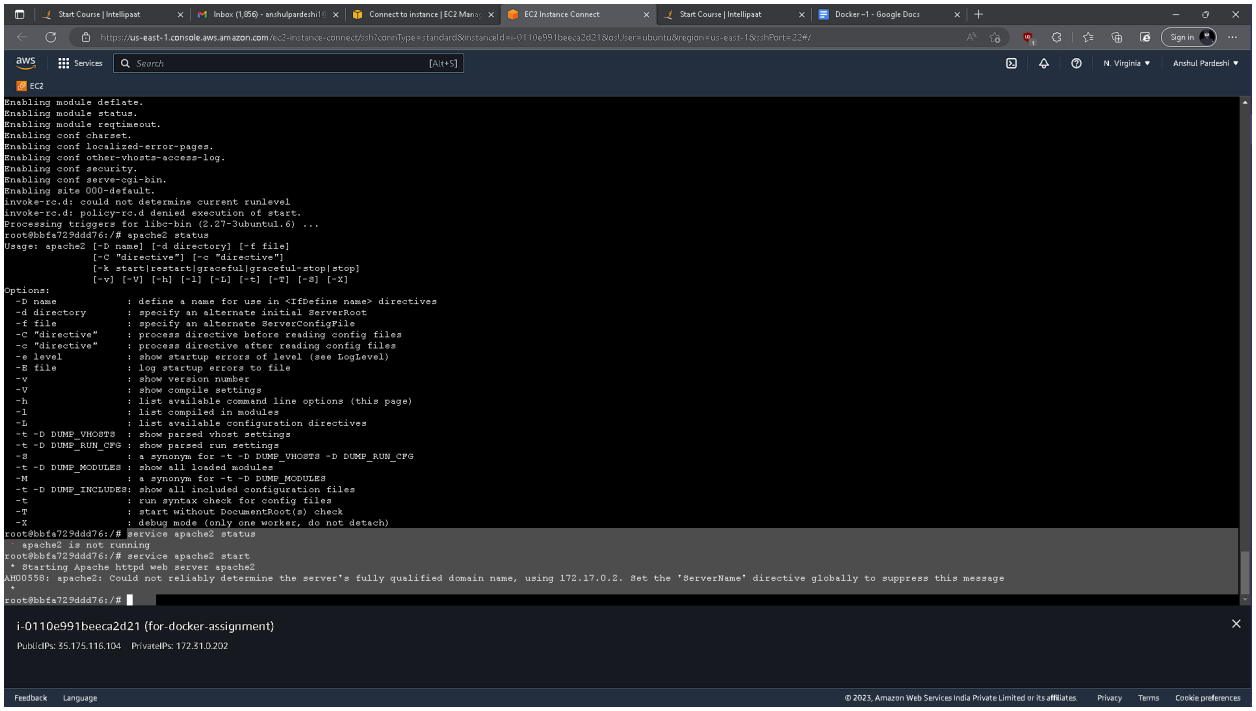
Check pulled images using: sudo docker images
Now, let us run this image on port 80: sudo docker run -itd -p 80:80 ubuntu:18.04



To install apache 2 in container we need to enter in container first,
To execute container use this command: sudo docker exec -it <container id> bash
Update container using apt-get update



Now install apache2 init: apt-get install apache2
Check if it is running using: service apache2 status
To start it: service apache2 start



Copy paste the public ip of instance with port 80 to check if apache is running.