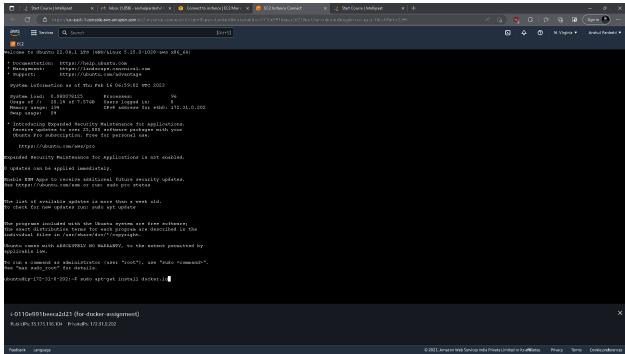
Docker -1

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

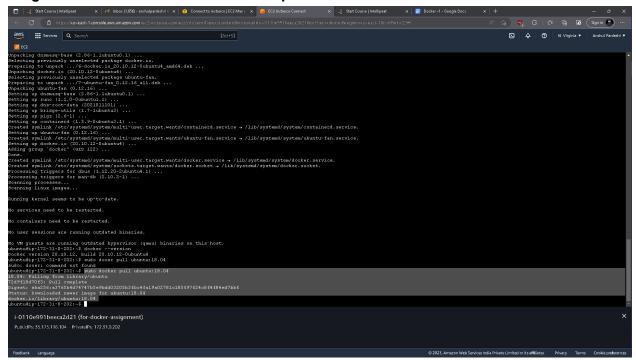


Check the version to confirm the installation using:Docker - -version

```
check the version to confirm the installar previously unselected package containerd.

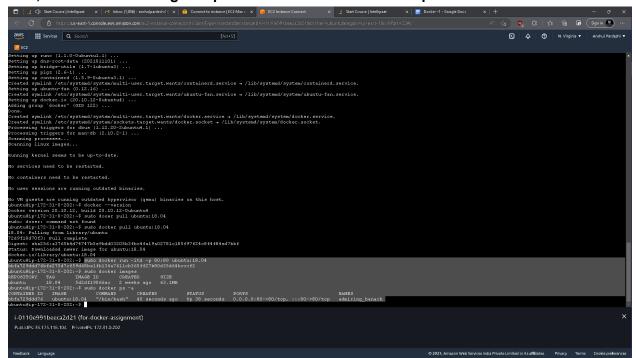
ng to unpack .../3-containerd [1.5,9-0]ubuntul.1_i mad64.deb ...
ng containerd (1.5,9-0]ubuntul.1_i ...
ng containerd (1.5,9-0]ubuntul.1_i mad64.deb ...
ng to unpack ...
//5-dnmansp-base 2.86-1.iubuntul.1_i mad64.deb ...
ng previously unselected package dnmacey-base.
ng to unpack ...
//5-dnmansp-base 2.86-1.iubuntul.1_i mad64.deb ...
ng previously unselected package docker.io.
ng previously unselected package docker.io.
ng to unpack ...
//6-docker.io. 20.10.12-0]ubuntul.4_mad64.deb ...
ng docker.io (20.10.12-0]ubuntul.1_i mag to unpack ...
ng docker.io (20.10.12-0]ubuntul.1_i mag to unpack ...
ng docker.io (20.10.12-0]ubuntul.1_i mag to docker.io ...
ng ubuntu-fan (0.12.16) ...
ng ubuntu-fan (0.12.16) ...
ng upuntu-fan (0.12.16) ...
ng upuntu-fan (0.12.16) ...
ng upuntu-fan (0.12.16) ...
ng upuntu-fan (0.12.16) ...
ng page (2.86-1.iubuntul.1) ...
up upuntu-fan (0.12.16) ...
upuntu-fan (0.12.16) ...
up upuntu-fan (0.12.16) ...
up upuntu-fan (0.12.16) ...
up upun
                user sessions are running outdated binaries.
VM guests are running outdated hypervisor (gemu) binaries on this host
untudip-172-21-0-202:-; docker --version
oker version 20:10.12, build 20:10.12-0ubuntud
untudip-172-31-0-202:-4
```

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

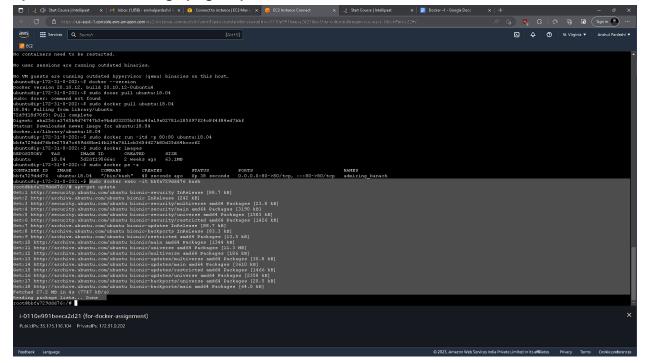
Now, let us run this image on port 80: sudo docker run -itd -p 80:80 ubuntu:18.04



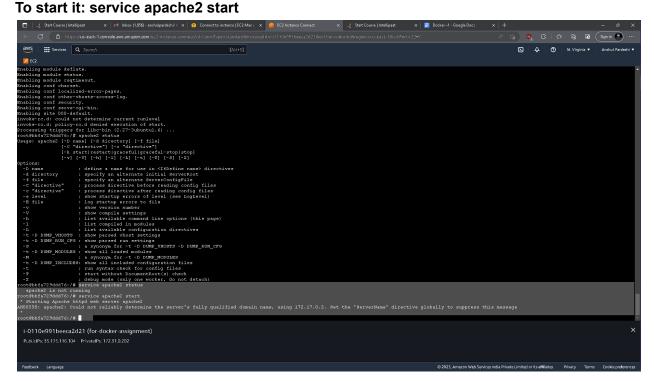
To install apache 2 in container we need to enter in container first,

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



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

