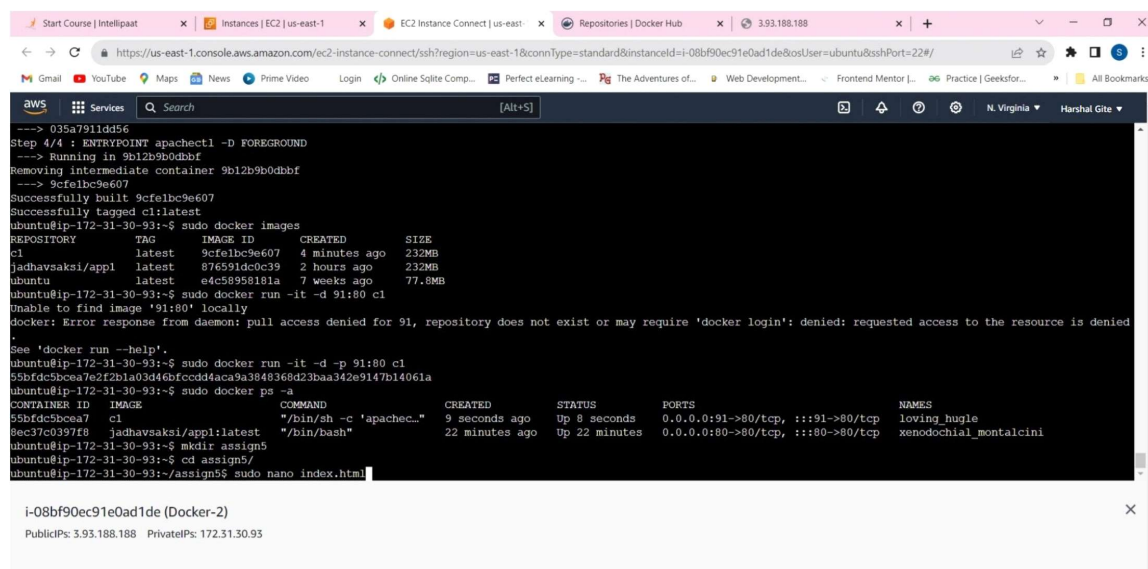# Assignment - 5

Email- harshalgite888@gmail.com

Tasks:

1. Create a sample HTML file

 2. Use the Dockerfile from the previous task

 3. Replace this sample HTML file inside the Docker container with the default page
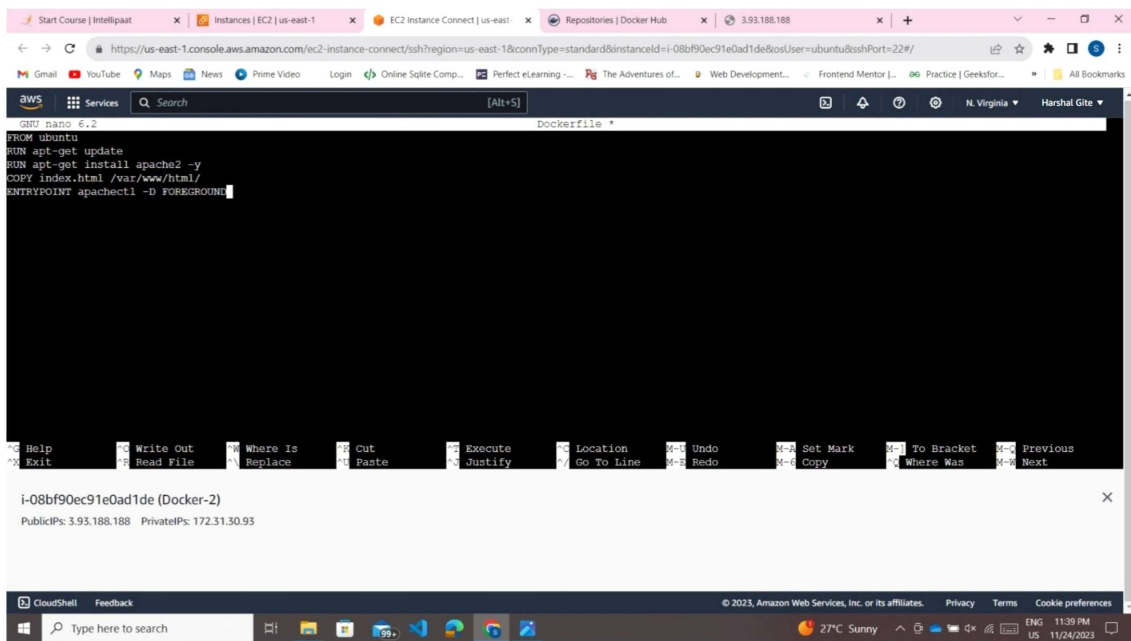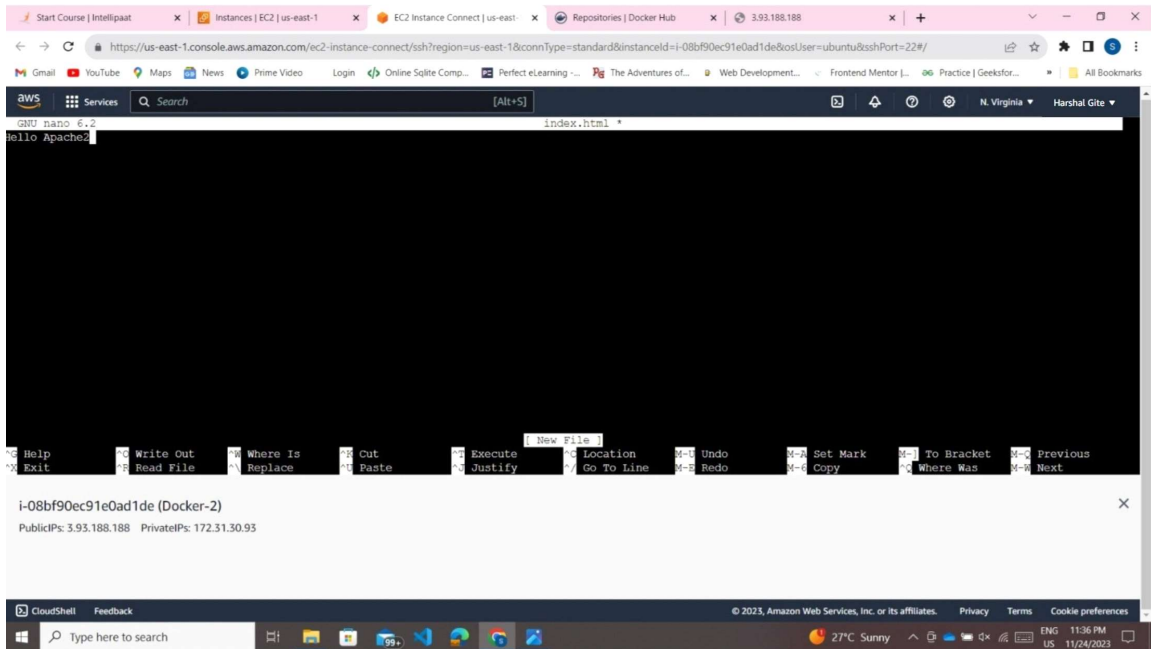
Solution:

Steps:

```
FROM ubuntu
RUN apt-get update
RUN apt-get install apache2 -y
COPY index.html /var/www/html/
ENTRYPOINT apachectl -D FOREGROUND
```

i-08bf90ec91e0ad1de (Docker-2)

PublicIPs: 3.93.188.188   PrivateIPs: 172.31.30.93

```
REPOSITORY                TAG        IMAGE ID       CREATED          SIZE
c1                        latest     9cfe1bc9e607   4 minutes ago    232MB
jadhavsaksi/app1          latest     876591dc0c39   2 hours ago      232MB
ubuntu                    latest     e4c58958181a   7 weeks ago      77.8MB
ubuntu@ip-172-30-93:~$ sudo docker run -it -d 91:80 c1
Unable to find image '91:80' locally
docker: Error response from daemon: pull access denied for 91, repository does not exist or may require 'docker login': denied: requested access to the resource is denied.

See 'docker run --help'.
ubuntu@ip-172-30-93:~$ sudo docker run -it -d -p 91:80 c1
55bfdc5bcea7e2f2b1a03d46bfccdd4aca9a3848368d23baa342e9147b14061a
ubuntu@ip-172-30-93:~$ sudo docker ps -a
CONTAINER ID   IMAGE                   COMMAND                  CREATED          STATUS          PORTS                                         NAMES
55bfdc5bcea7   c1                      "/bin/sh -c 'apachec…"   9 seconds ago    Up 8 seconds    0.0.0.0:91->80/tcp, :::91->80/tcp             loving_hugle
8ec37c0397f8   jadhavsaksi/app1:latest "/bin/bash"             22 minutes ago   Up 22 minutes   0.0.0.0:80->80/tcp, :::80->80/tcp             xenodochial_montalcini
ubuntu@ip-172-30-93:~$ mkdir assign5
ubuntu@ip-172-30-93:~$ cd assign5/
ubuntu@ip-172-30-93:~/assign5$ sudo nano index.html
ubuntu@ip-172-30-93:~/assign5$ ls
index.html
ubuntu@ip-172-30-93:~/assign5$ sudo nano Dockerfile
ubuntu@ip-172-30-93:~/assign5$ LS
LS: command not found
ubuntu@ip-172-30-93:~/assign5$ ls
Dockerfile  index.html
ubuntu@ip-172-30-93:~/assign5$ sudo docker build . -t c2
```

i-08bf90ec91e0ad1de (Docker-2)

PublicIPs: 3.93.188.188   PrivateIPs: 172.31.30.93


```
---> 5d707f8758e7
Step 3/5 : RUN apt-get install apache2 -y
---> Using cache
---> 035a7911dd56
Step 4/5 : COPY index.html /var/www/html/
---> 84f167de3b47
Step 5/5 : ENTRYPOINT apachectl -D FOREGROUND
---> Running in 37ecf74ca00e
Removing intermediate container 37ecf74ca00e
---> 45e9c25a5e5e
Successfully built 45e9c25a5e5e
Successfully tagged c2:latest
ubuntu@ip-172-30-93:~/assign5$ sudo docker images
REPOSITORY                TAG        IMAGE ID       CREATED          SIZE
c2                        latest     45e9c25a5e5e   18 seconds ago   232MB
c1                        latest     9cfe1bc9e607   20 minutes ago   232MB
jadhavsaksi/app1          latest     876591dc0c39   3 hours ago      232MB
ubuntu                    latest     e4c58958181a   7 weeks ago      77.8MB
ubuntu@ip-172-30-93:~/assign5$ sudo docker run -it -d -p 71:80 c2
b31da7708dbe836c141794c90f658c46089c28c9a5c88229c50f6b85a0bd657a
ubuntu@ip-172-30-93:~/assign5$ sudo docker ps -a
CONTAINER ID   IMAGE                   COMMAND                  CREATED          STATUS          PORTS                                         NAMES
b31da7708dbe   c2                      "/bin/sh -c 'apachec…"   21 seconds ago   Up 20 seconds   0.0.0.0:71->80/tcp, :::71->80/tcp             heuristic_babbage
55bfdc5bcea7   c1                      "/bin/sh -c 'apachec…"   16 minutes ago   Up 16 minutes   0.0.0.0:91->80/tcp, :::91->80/tcp             loving_hugle
8ec37c0397f8   jadhavsaksi/app1:latest "/bin/bash"             38 minutes ago   Up 38 minutes   0.0.0.0:80->80/tcp, :::80->80/tcp             xenodochial_montalcini
ubuntu@ip-172-30-93:~/assign5$
```

i-08bf90ec91e0ad1de (Docker-2)

PublicIPs: 3.93.188.188   PrivateIPs: 172.31.30.93

Hello Apache2