Roll No:. 33309 **Batch-** K-11
Title: Create Docker Container Environment (NVIDEIA Docker or any other).
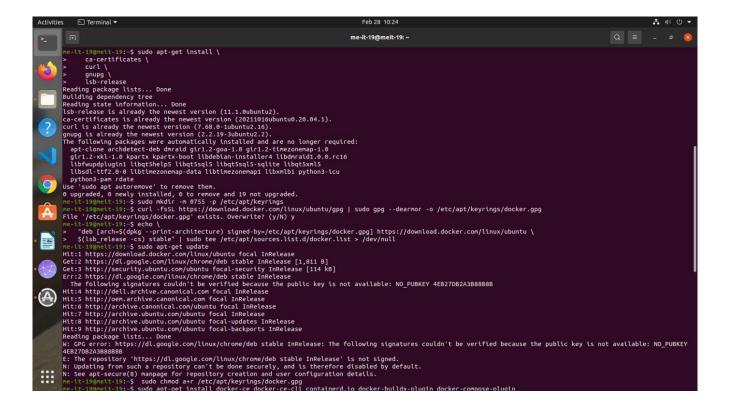
Assignment No. 2-b

Commands:

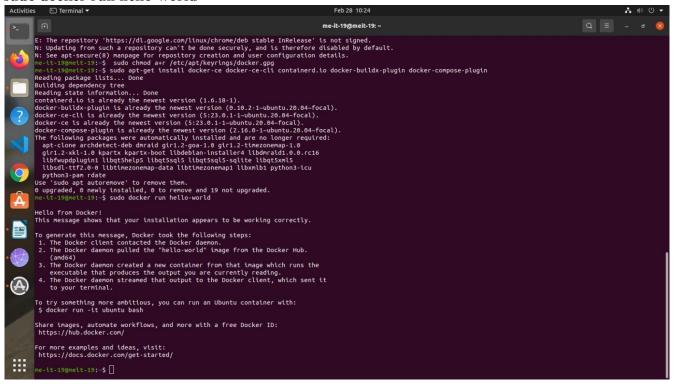 **sudo apt-get remove docker docker-engine docker.io containerd runc**
sudo apt-get update

sudo apt-get install \ >   ca-certificates \ >   curl \ >   gnupg \ >   lsb-release
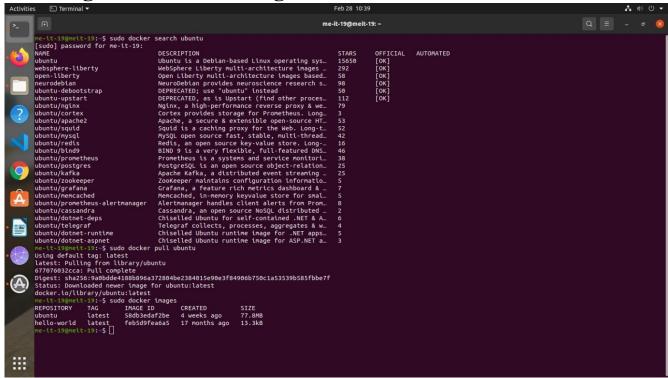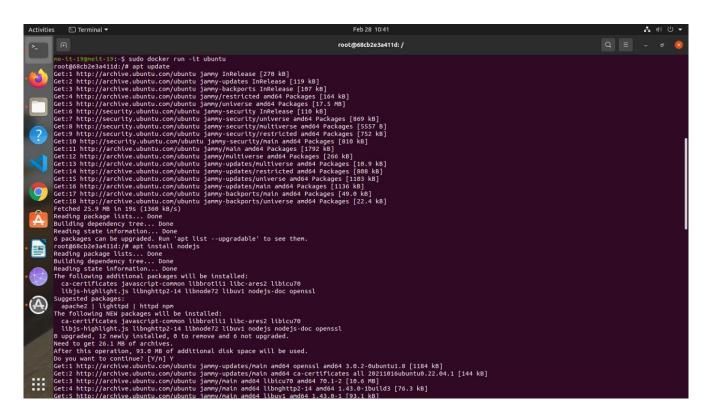
sudo docker run hello-world

sudo systemctl status docker

Working with Docker Images

Running a Docker Container

sudo docker run -it ubuntu root@68cb2e3a411d:/# apt update

root@68cb2e3a411d:/# apt install nodejs root@68cb2e3a411d:/# node -v

Managing Docker Containers

Committing Changes in a Container to a Docker Image

docker commit -m "What you did to the image" -a "Author Name" container_id repository/new_image_name

```
me-it-19@meit-19:~$ sudo docker ps
CONTAINER ID    IMAGE      COMMAND       CREATED          STATUS           PORTS        NAMES
68cb2e3a411d    ubuntu     "/bin/bash"   7 minutes ago    Up 28 seconds                 magical_einstein
me-it-19@meit-19:~$ sudo docker stop  magical_einstein
me-it-19@meit-19:~$ sudo docker commit -m "added Node.js" -a "sakshi" 68cb2e3a411d  sakshi/ubuntu-nodejs
sha256:53bfeeebbb7970d614755a94f86b24a7227cf857977c711e11dadc1a70a63c0c
me-it-19@meit-19:~$ sudo docker images
REPOSITORY             TAG       IMAGE ID       CREATED         SIZE
sakshi/ubuntu-nodejs   latest    53bfeeebbb79   14 seconds ago  203MB
ubuntu                 latest    58db3edaf2be   4 weeks ago     77.8MB
hello-world            latest    feb5d9fea6a5   17 months ago   13.3kB
me-it-19@meit-19:~$
```

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