EXPERIMENT-12

NAME- RAJAT PANWAR ROLL NO- R171218080

SUBMITTED TO:

MR. HITESH KUMAR SHARMA

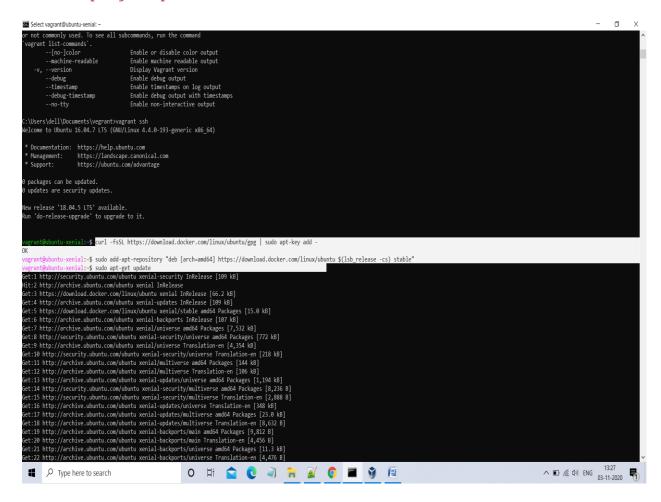
1}. First, in order to ensure the downloads are valid, add the GPG key for the official Docker repository to your system:

```
$ curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo apt-
key add -
```

2} .Add the Docker repository to APT sources:

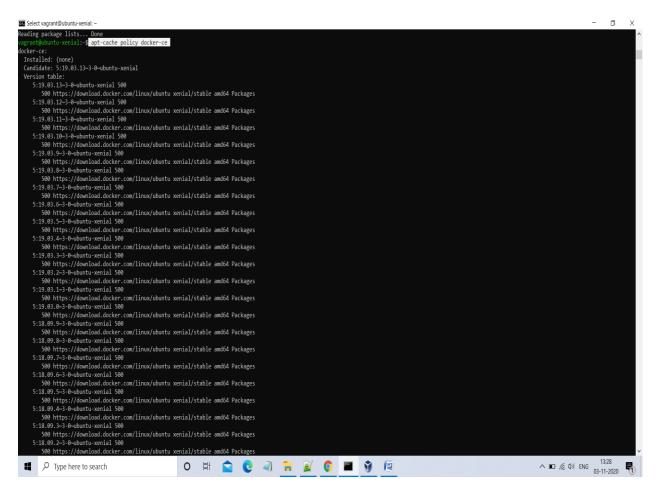
```
$ sudo add-apt-repository "deb [arch=amd64]
https://download.docker.com/linux/ubuntu $(lsb release -cs) stable"
```

- 3) . Next, update the package database with the Docker packages from the newly added repo:
- \$ sudo apt-get update



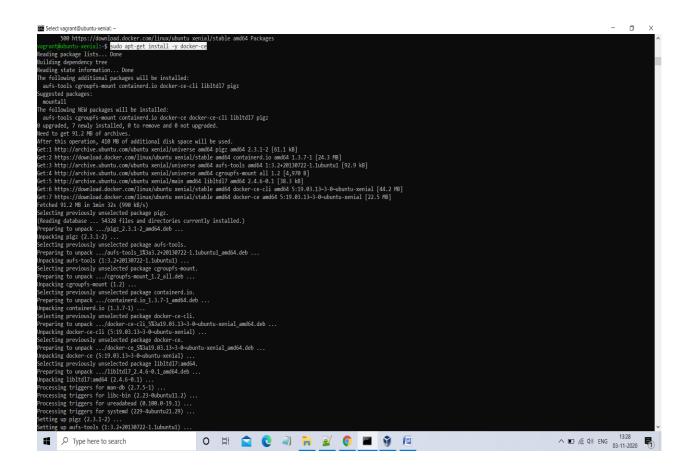
4). Make sure you are about to install from the Docker repo instead of the default Ubuntu 16.04 repo:

\$ apt-cache policy docker-ce



4 . Finally, install Docker:

\$ sudo apt-get install -y docker-ce



5). Executing the Docker Command Without Sudo
If you want to avoid typing sudo whenever you run the docker command, add your username to the docker group:

```
$ sudo usermod -aG docker ${USER}
```

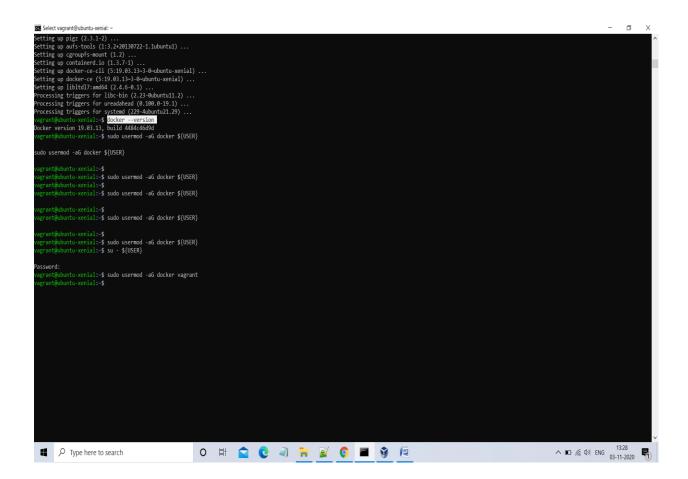
6}. To apply the new group membership, you can log out of the server and back in, or you can type the following:

```
$ su - ${USER}
```

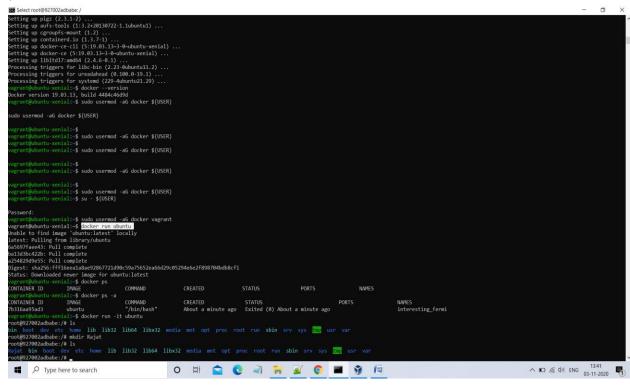
You will be prompted to enter your user's password to continue. Afterwards, you can confirm that your user is now added to the docker group by typing:

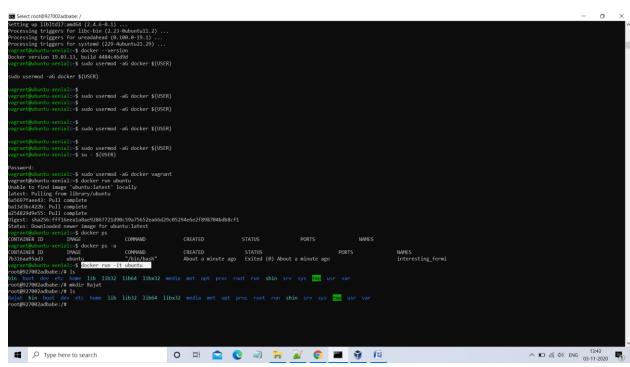
7. If you need to add a user to the docker group that you're not logged in as, declare that username explicitly using:

\$ sudo usermod -aG docker username



- \$ docker run ubuntu
- \$ docker ps
- \$ docker ps -a
- \$docker run -it ubuntu





CREATE A DIRECTORY:-

