Assignment :
Module 7: Docker with Microservices using Springboot - I

1. Docker installation

   sudo apt-get install docker-ce

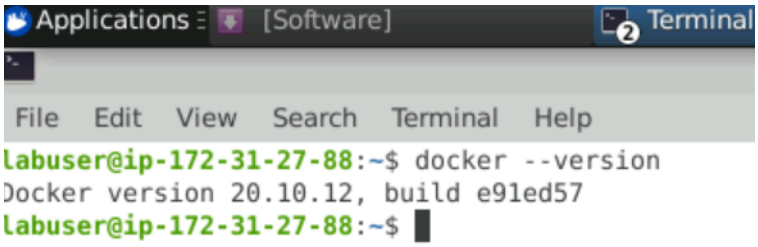
   or

   docker install

   sudo apt install docker.io

2. Check Docker version

   docker --version



3. Launch Docker Hello World Example

```
labuser@ip-172-31-27-88:~$ docker --version
Docker version 20.10.12, build e91ed57
labuser@ip-172-31-27-88:~$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED         SIZE
hello-world   latest    feb5d9fea6a5   13 months ago   13.3kB
labuser@ip-172-31-27-88:~$ docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
 1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
    (amd64)
 3. The Docker daemon created a new container from that image which runs the
    executable that produces the output you are currently reading.
 4. The Docker daemon streamed that output to the Docker client, which sent it
    to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
 $ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
 https://hub.docker.com/

For more examples and ideas, visit:
 https://docs.docker.com/get-started/

labuser@ip-172-31-27-88:~$
```

4. List Docker Images

```
File  Edit  View  Search  Terminal  Help
labuser@ip-172-31-27-88:~$ docker --version
Docker version 20.10.12, build e91ed57
labuser@ip-172-31-27-88:~$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED         SIZE
hello-world   latest    feb5d9fea6a5   13 months ago   13.3kB
labuser@ip-172-31-27-88:~$
```

More commands

```
labuser@ip-172-31-27-88:~$ docker run -it ubuntu bash
Unable to find image 'ubuntu:latest' locally
latest: Pulling from library/ubuntu
cf92e523b49e: Pull complete
Digest: sha256:35fb073f9e56eb84041b0745cb714eff0f7b225ea9e024f703cab56aaa5c7720
Status: Downloaded newer image for ubuntu:latest
root@662e65e6bbc3:/#
```