

GHARDA FOUNDATION
GHARDA INSTITUTE OF TECHNOLOGY, LAVEL
Department of Computer Engineering

Evaluation Sheet

Class: TE-Computer Engineering

Sem: V

Subject: **Cloud Computing Lab**

Experiment No: 12

Title of Experiment: To study and Implement Containerization using Docker.

Name of Student: Niraj Nitin Surve

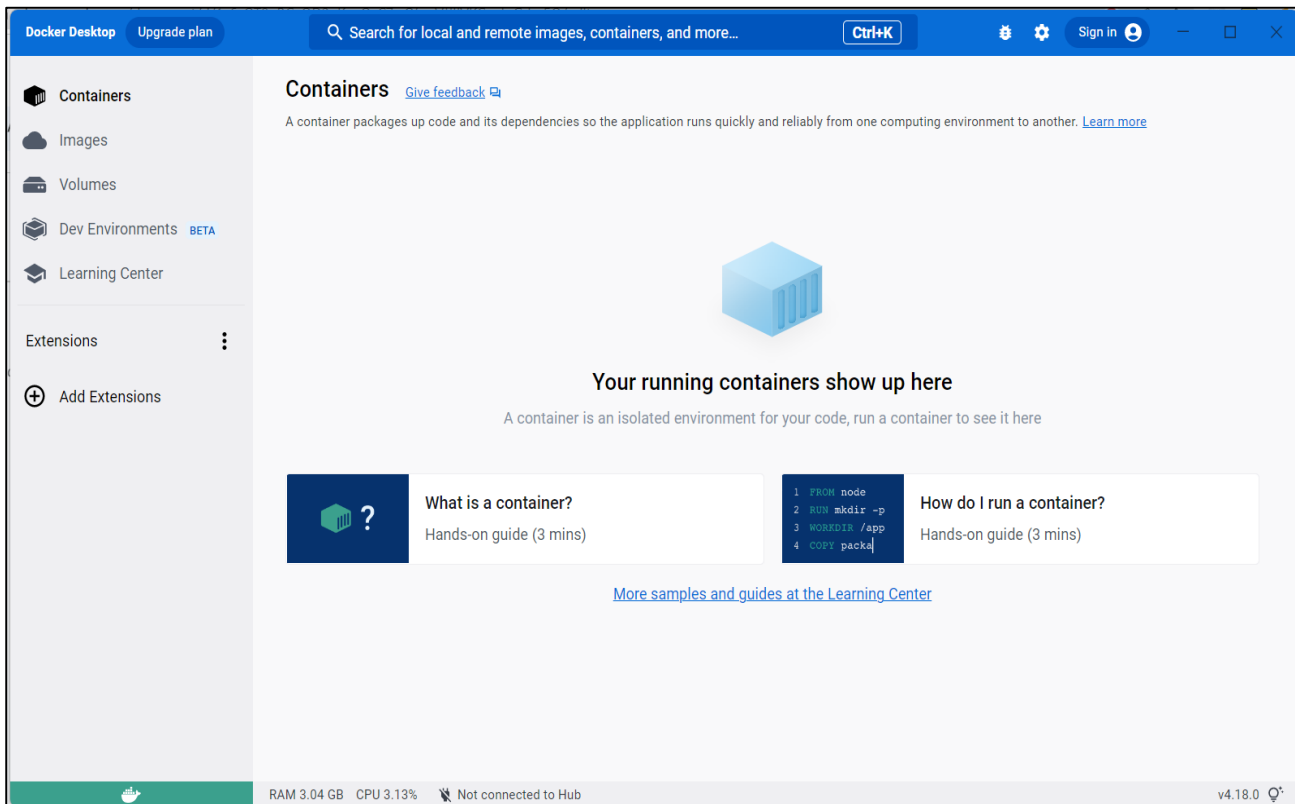
Roll No: 68

Date of Performance:

Sr. No.	Evaluation Criteria	Max Marks	Marks Obtained
1	Practical Performance	8	
2	Oral	5	
3	Timely Submission	2	
	Total	15	

Signature of Subject Teacher
(Mr. S. S. Tathare)

Screenshots –



```
C:\Windows\System32>docker --version
Docker version 20.10.24, build 297e128

C:\Windows\System32>
```

```
C:\Windows\System32>docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
2ab09b027e7f: Pull complete
Digest: sha256:67211c14fa74f070d27cc59d69a7fa9aeff8e28ea118ef3bab9295a0428a6d21
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest
```

```
C:\Windows\System32>docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
ubuntu        latest    08d22c0ceb15   5 weeks ago   77.8MB
```

```
C:\Windows\System32>docker run -it ubuntu /bin/bash
root@afbc318fa390:/#
```

```
C:\Windows\System32>docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
afbc318fa390	ubuntu	"/bin/bash"	2 minutes ago	Up 2 minutes		vibrant_swirles

```
C:\Windows\System32>docker container ls -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
afbc318fa390	ubuntu	"/bin/bash"	2 minutes ago	Up 2 minutes		vibrant_swirles

```
C:\Windows\System32>docker container rm afbc318fa390
```

Error response from daemon: You cannot remove a running container afbc318fa39075c3d2b05111ab91df20f1a82a322ae89e06a17970514adccdf6. Stop the container before attempting removal or force remove

```
C:\Windows\System32>docker container stop afbc318fa390
```

```
afbc318fa390
```

```
C:\Windows\System32>docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
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```
C:\Windows\System32>docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
ubuntu	latest	08d22c0ceb15	5 weeks ago	77.8MB

```
C:\Windows\System32>docker rmi -f 08d22c0ceb15
```

```
Untagged: ubuntu:latest
```

```
Untagged: ubuntu@sha256:67211c14fa74f070d27cc59d69a7fa9aeff8e28ea118ef3bab9c295a0428a6d21
```

```
Deleted: sha256:08d22c0ceb150ddeb2237c5fa3129c0183f3cc6f5eeb2e7aa4016da3ad02140a
```

```
C:\Windows\System32>docker images
```



REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
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Docker Desktop




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A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. [Learn more](#)


Search

 Only show running containers

	Name	Image	Status	Port(s)	Last started	Actions
	 vibrant_swirls afbc318fa390 	-	Exited (137)		34 minutes ago	  

Showing 1 item



RAM 3.00 GB CPU 0.25%  Not connected to Hub

v4.18.0 