

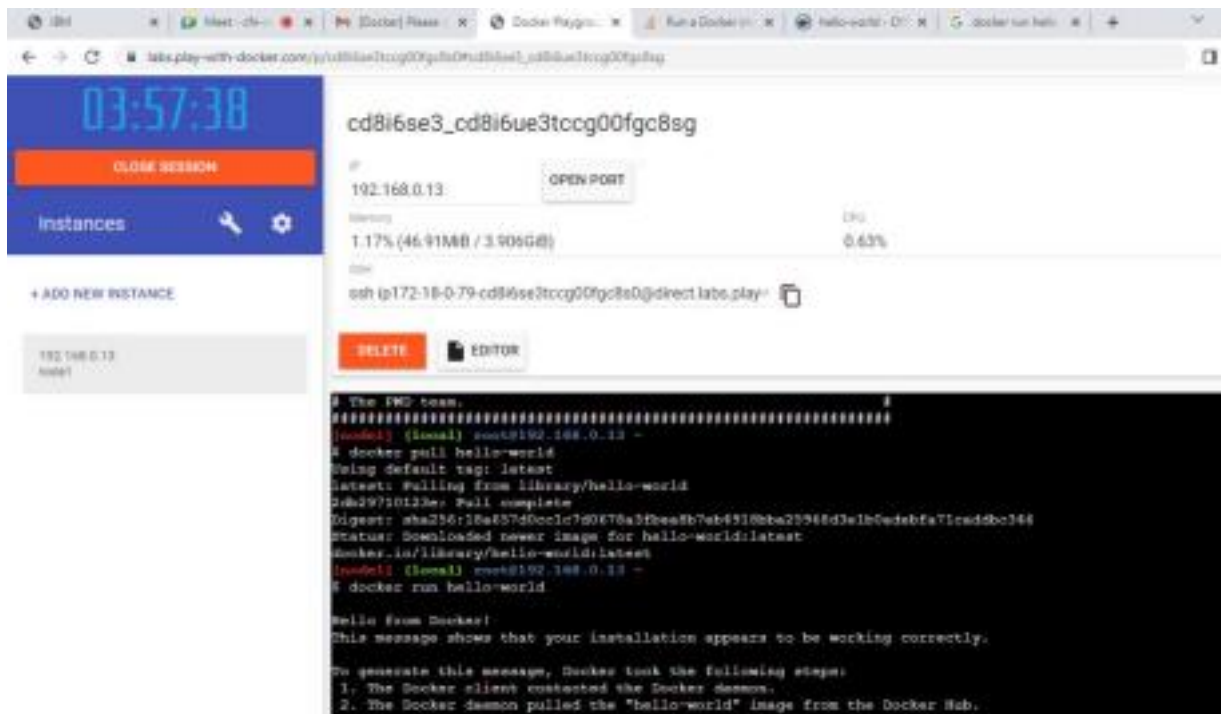
## Assignment-4

Assignment Date	02 November 2022
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Student Roll Number	920819104026
Maximum Marks	2 Marks

### Question-1:

1) Pull an image from docker hub and run it in docker playground.

Docker Playground:



The screenshot displays the Docker Playground web interface. On the left, there's a sidebar with a clock showing 03:57:38, a 'CLOSE SESSION' button, and an 'Instances' section with a '+ ADD NEW INSTANCE' button. The main area shows a container named 'cd8i6se3\_cd8i6ue3tccg00fgc8sg' with IP '192.168.0.13'. Below this, a terminal window shows the following commands and output:

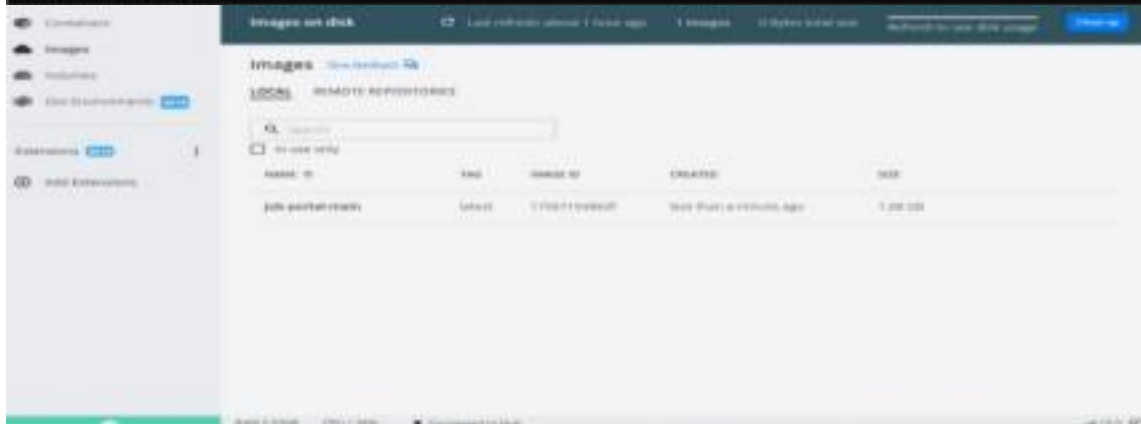
```
# The FWD team.
#####
[root@] (local) root@192.168.0.13 -
# docker pull hello-world
Using default tag: latest
latest: Pulling from library/hello-world
3da29710123e: Pull complete
Digest: sha256:18a557d0cc1c7d0c78a3fbee8b7eb4918bba25968d3e1b0eadebfa71caddb0344
Status: Downloaded newer image for hello-world:latest
docker.io/library/hello-world:latest
[root@] (local) root@192.168.0.13 -
# 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.
```

### Question 2:


Create a docker file for the jobportal application and deploy it in Docker desktop application.

[illegible][illegible]

### Question 3:

## Create a IBM container registry and deploy helloworld app or

jobportalapp.

Container Registry

Quick start

Namespaces 2

**Repositories 1**

Images 1

Trash 0

Settings

## Repositories

Location

Tokyo

Search

Create

	Name	Image count	Namespace	Last updated	
<div><div></div><div></div></div>	<div><div>ins</div><div>public/team08/ins</div></div>	1	team08	404 days ago	<div></div>

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**Question 4:**

Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

