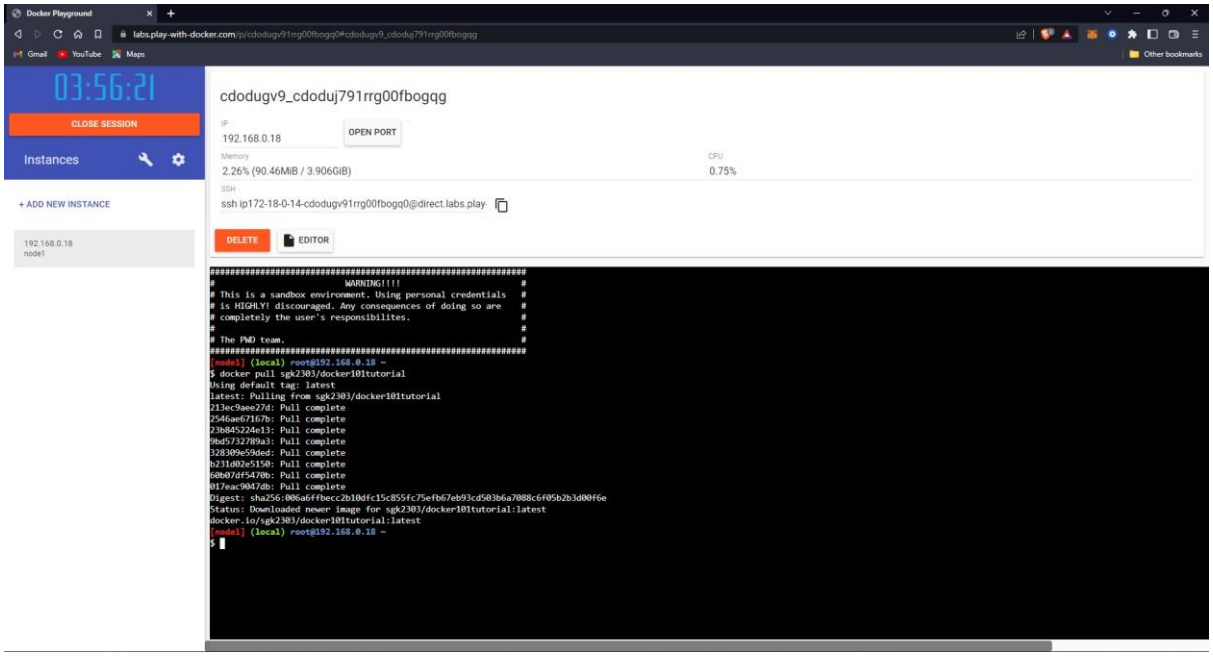
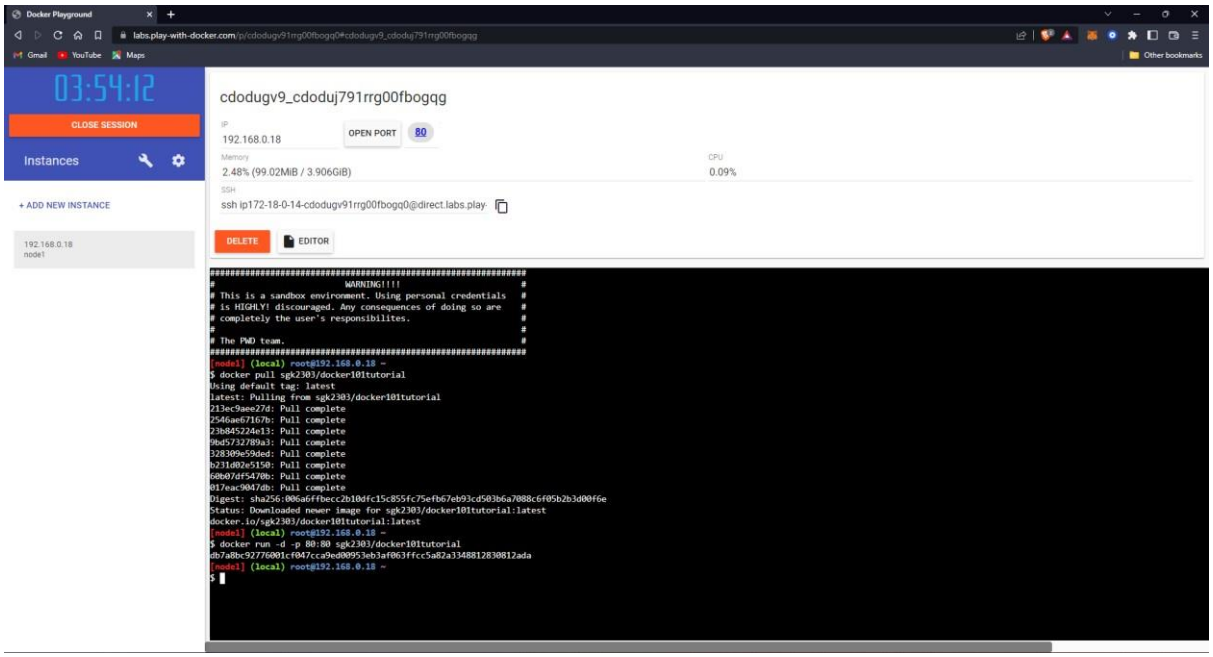
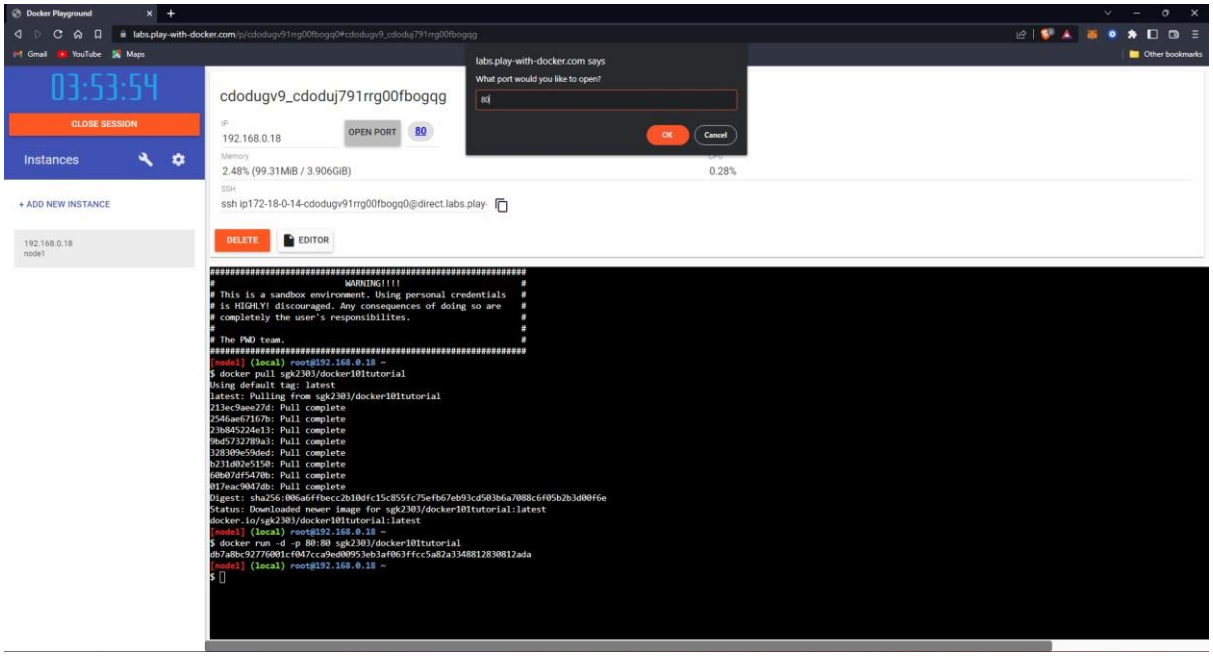
Team ID: PNT2022TMI14769

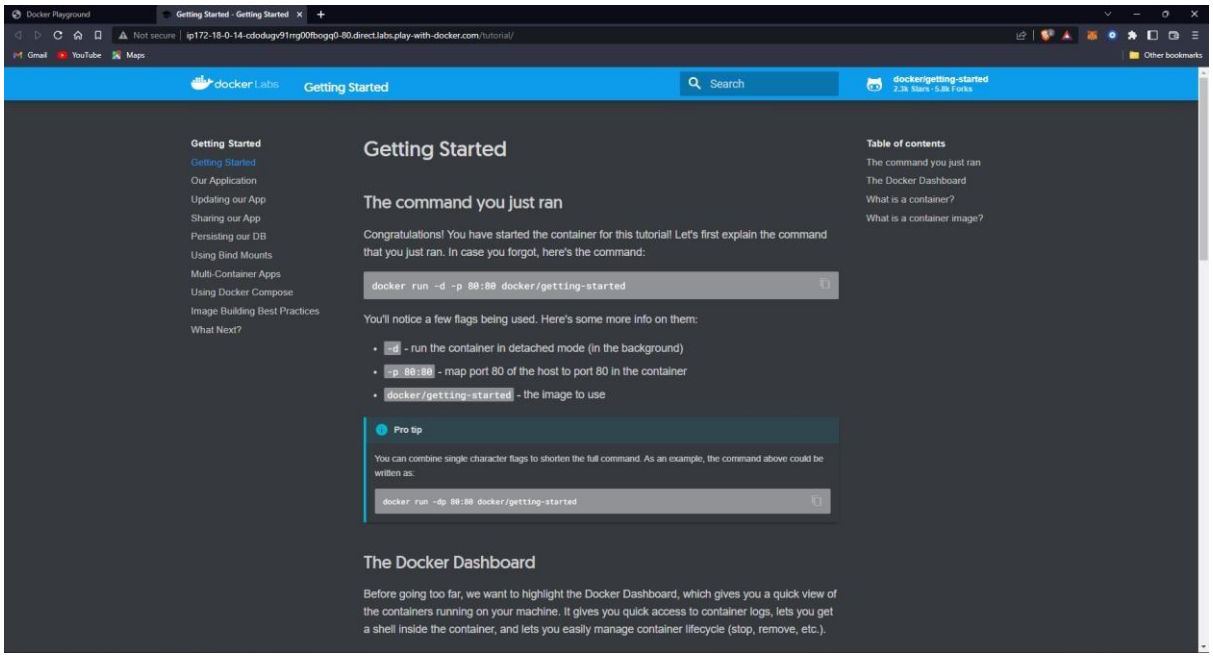
Assignment 4

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






Docker Playground
labs.play-with-docker.com says
What port would you like to open?
80
OK
Cancel
03:53:54
CLOSE SESSION
Instances
+ ADD NEW INSTANCE
cdodugv9_cdoduj791rrg00fbogqg
192.168.0.18
OPEN PORT
80
2.48% (99.31MiB / 3.906GiB)
0.28%
ssh ip172-18-0-14-cdodugv91rrg00fbogq0@direct.labs.play-
DELETE
EDITOR
WARNING!!!!
This is a sandbox environment. Using personal credentials is HIGHLY! discouraged. Any consequences of doing so are completely the user's responsibilites.
The PWD team.
[node1] (local) root@192.168.0.18 ~
$ docker pull sgk2303/docker101tutorial
Using default tag: latest
latest: Pulling from sgk2303/docker101tutorial
213ec9aee27d: Pull complete
2546ae67167b: Pull complete
23b845224e13: Pull complete
90a5732789a3: Pull complete
328309e59ded: Pull complete
b231d02e5150: Pull complete
60b07df5470b: Pull complete
017eac9047db: Pull complete
Digest: sha256:006a6ffbecc2b10dfc15c855fc75efb67eb93cd503b6a7088c6f05b2b3d00f6e
Status: Downloaded newer image for sgk2303/docker101tutorial:latest
docker.io/sgk2303/docker101tutorial:latest
[node1] (local) root@192.168.0.18 ~
$ docker run -d -p 80:80 sgk2303/docker101tutorial
db7a8bc92776001cf047cca9ed00953eb3af063ffcc5a82a3348812830812ada
[node1] (local) root@192.168.0.18 ~
$


Docker Playground
Getting Started - Getting Started
Not secure | ip172-18-0-14-cdodugv91rrg00fbogq0-80.direct.labs.play-with-docker.com/tutorial/
docker Labs
Getting Started
Search
docker/getting-started
2.3k Stars · 5.8k Forks
Getting Started
Getting Started
Our Application
Updating our App
Sharing our App
Persisting our DB
Using Bind Mounts
Multi-Container Apps
Using Docker Compose
Image Building Best Practices
What Next?
Getting Started
The command you just ran
Congratulations! You have started the container for this tutorial! Let's first explain the command that you just ran. In case you forgot, here's the command:
docker run -d -p 80:80 docker/getting-started
You'll notice a few flags being used. Here's some more info on them:
-d - run the container in detached mode (in the background)
-p 80:80 - map port 80 of the host to port 80 in the container
docker/getting-started - the image to use
Pro tip
You can combine single character flags to shorten the full command. As an example, the command above could be written as:
docker run -dp 80:80 docker/getting-started
The Docker Dashboard
Before going too far, we want to highlight the Docker Dashboard, which gives you a quick view of the containers running on your machine. It gives you quick access to container logs, lets you get a shell inside the container, and lets you easily manage container lifecycle (stop, remove, etc.).
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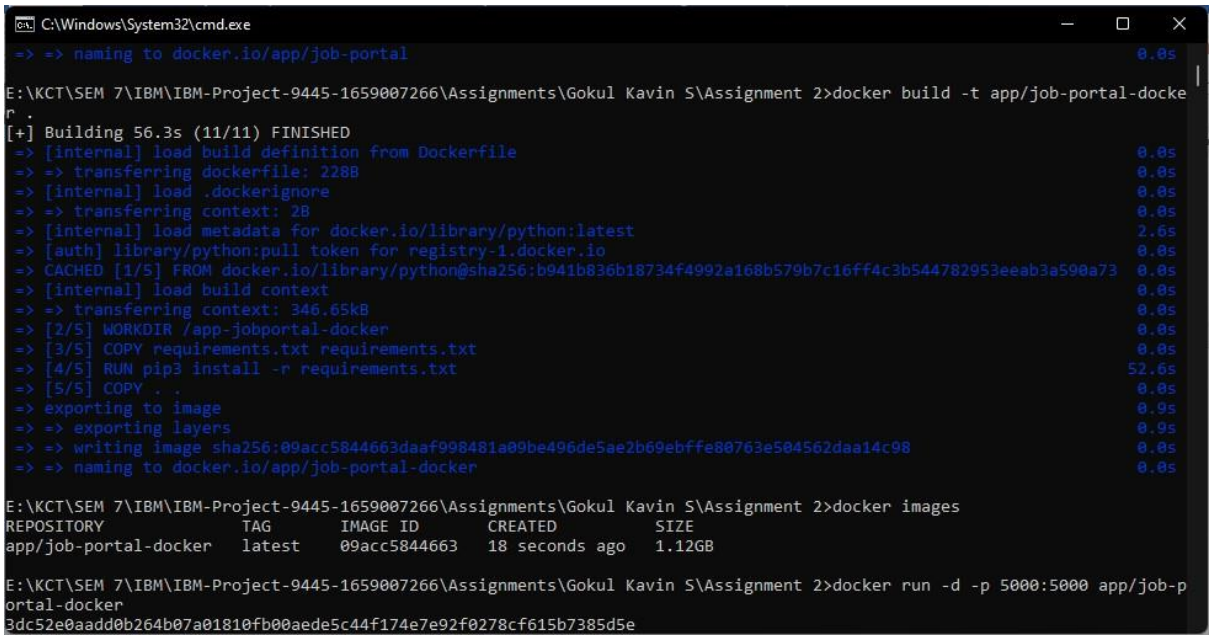
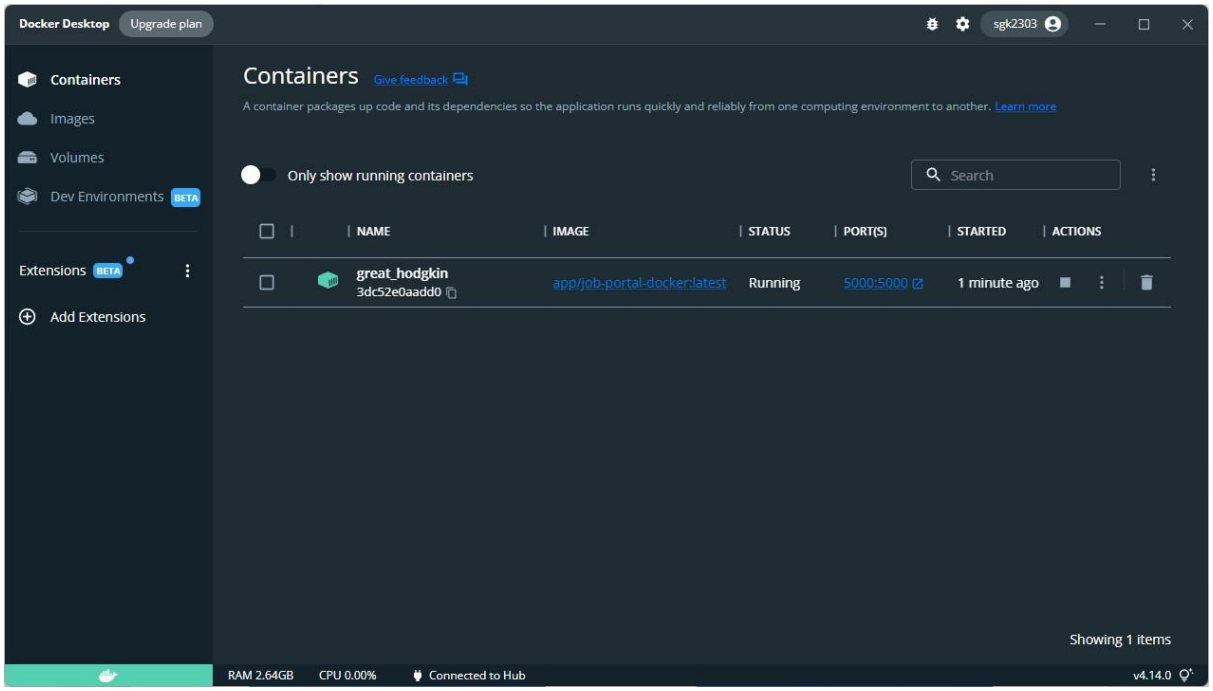
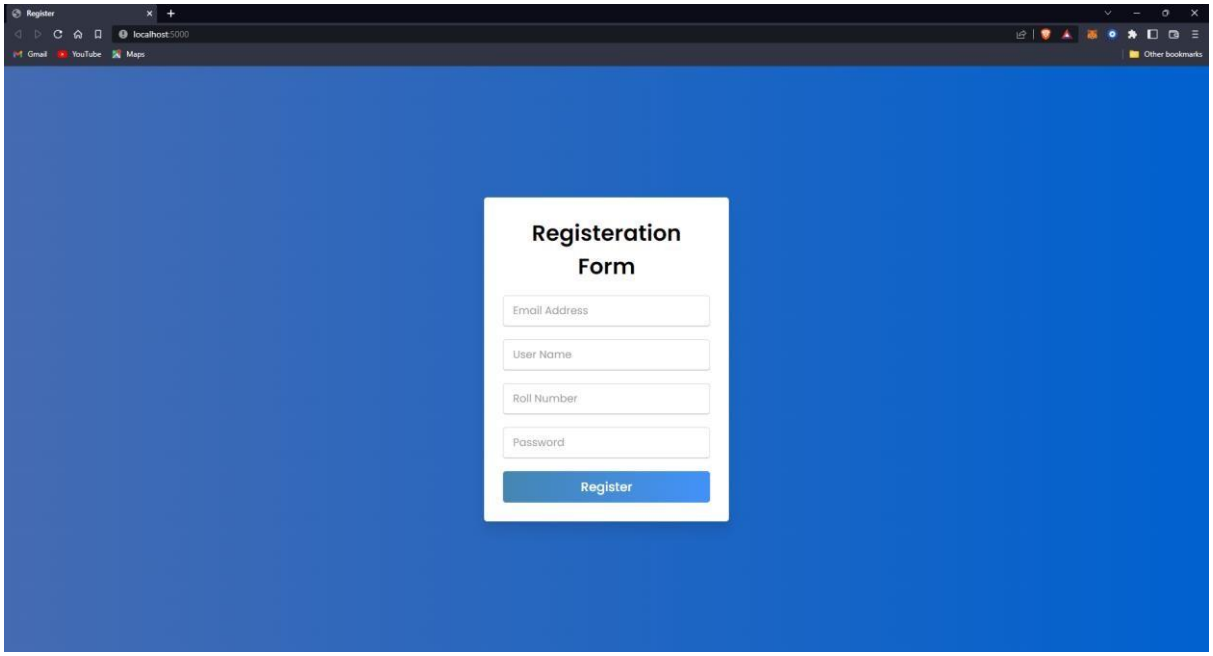
The command you just ran
The Docker Dashboard
What is a container?
What is a container image?

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






Register
localhost:5000
Gmail
YouTube
Maps
Other bookmarks
Registeration Form
Email Address
User Name
Roll Number
Password
Register