

Assignment -4

Docker and Kubernetes

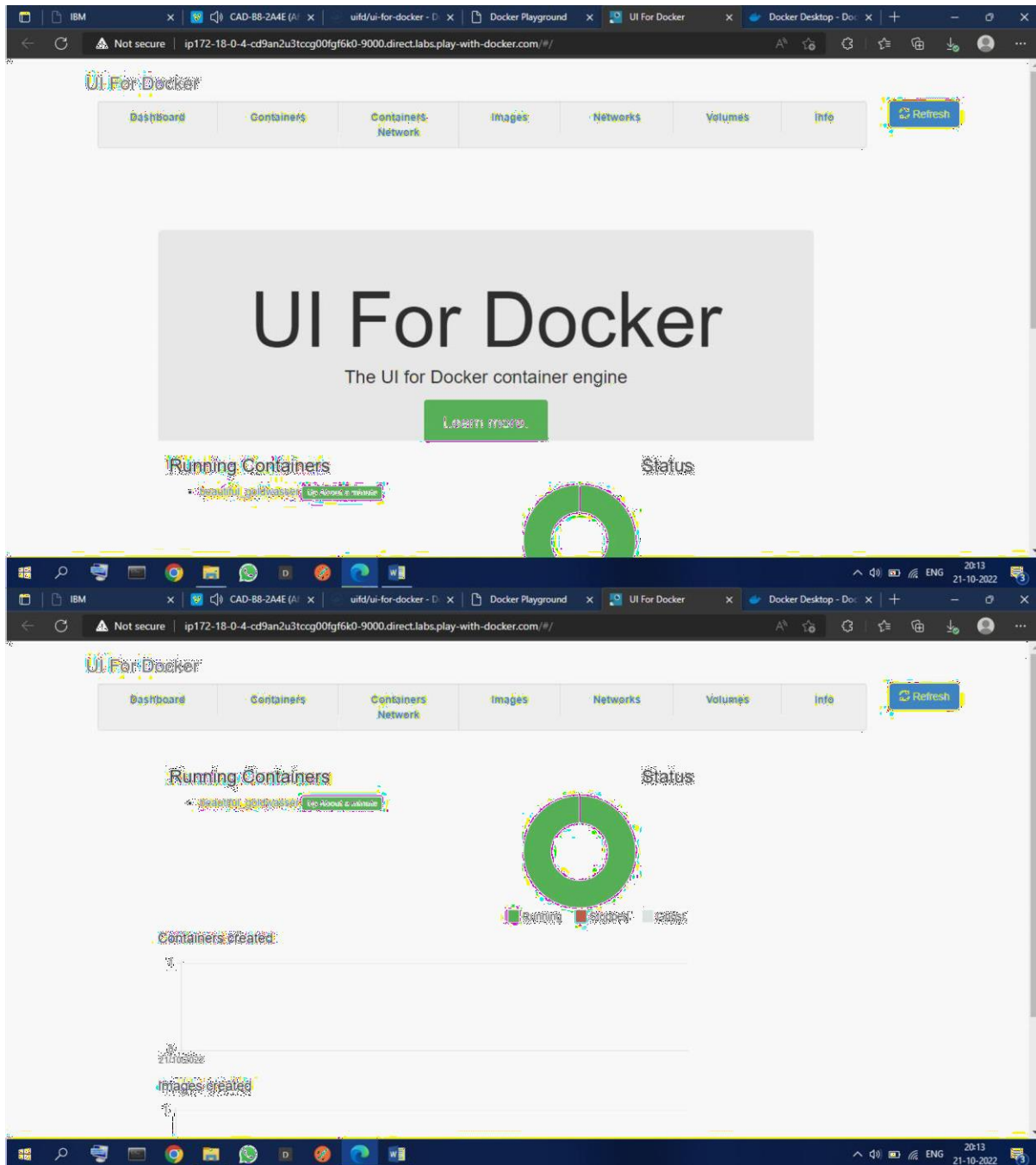
Assignment Date	06 NOVEMBER 2022
Student Name	Srilekha S
Student Roll Number	312419205098
Maximum Marks	2 Marks

1 Pull an image from docker hub and run it in docker Playground

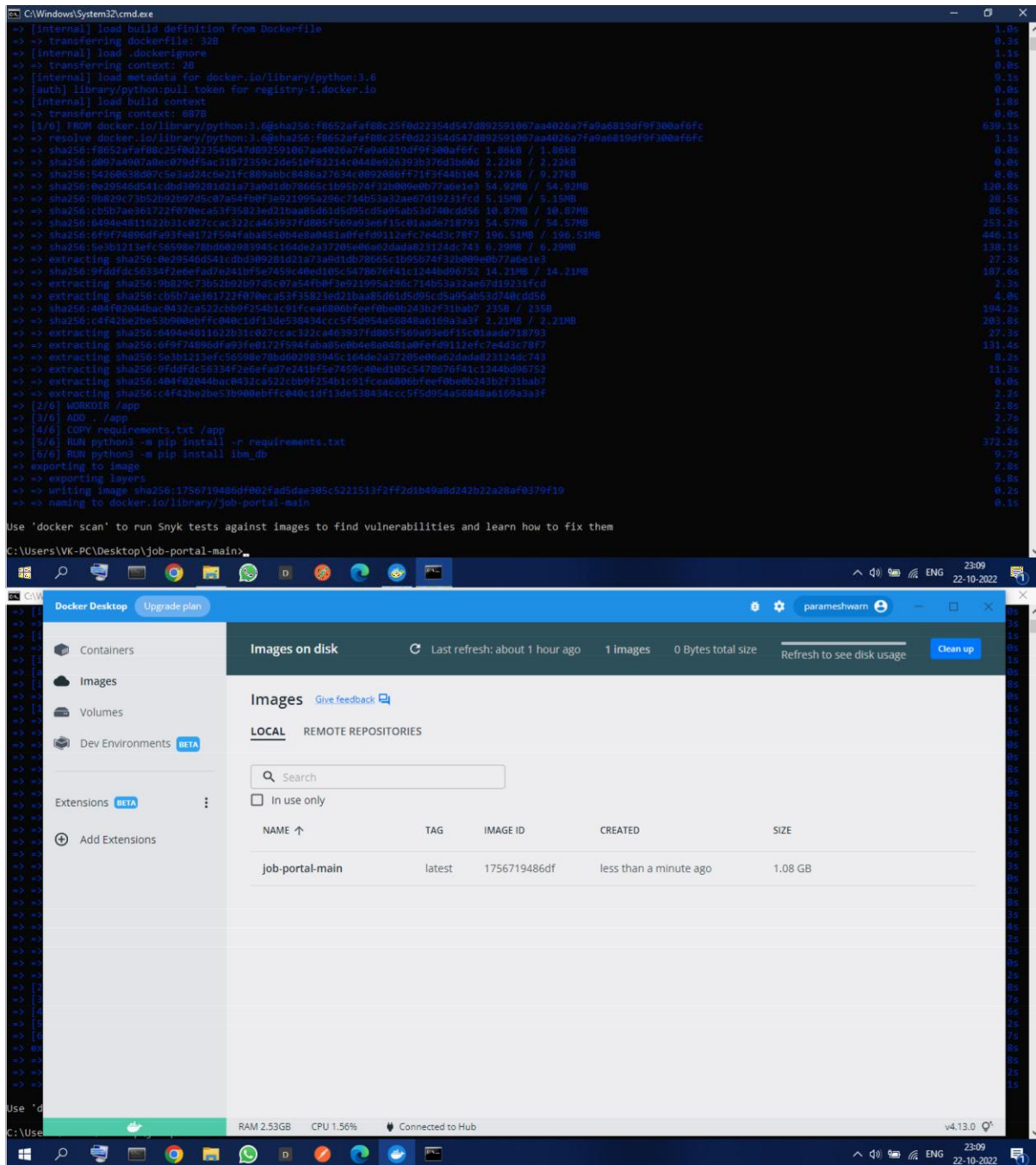
The screenshot displays two browser windows. The top window shows the Docker Hub page for the repository `uifd/ui-for-docker`. The page includes a search bar, navigation links (Explore, Repositories, Organizations, Help), and a description of the repository. A 'Pull Command' box shows the command `docker pull uifd/ui-for-docker`.

The bottom window shows the Docker Playground interface. It features a sidebar with a clock, a status bar, and an 'Instances' section. The main area displays the terminal output of the Docker commands executed in the playground. The output shows the successful pull of the `uifd/ui-for-docker:latest` image and the execution of the `docker run` command to start a container.

```
# This is a sandbox environment. Using personal credentials
# is HIGHLY! discouraged. Any consequences of doing so are
# completely the user's responsibilities.
#
# The FWD team.
#####
(node1) (local) root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
841194d080c8: Pull complete
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
(node1) (local) root@192.168.0.13 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dab9ff7c1931923fc0d
(node1) (local) root@192.168.0.13 ~
$
```

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



3. Create a IBM container registry and deploy helloworld app