

Assignment -4

Docker and Kubernetes

Assignment Date	20 November 2022
Student Name	DEEPAK KUMAR
Team ID	PNT2022TMID14283
Maximum Marks	2 Marks

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

The image shows two screenshots from a Windows environment. The top screenshot is a browser window displaying the Docker Hub page for the repository `uifd/ui-for-docker`. The page indicates that the repository is deprecated and suggests using Portainer instead. It shows the repository was updated 6 years ago and has 10M+ pulls. The Docker Pull Command is displayed as `docker pull uifd/ui-for-docker`.

The bottom screenshot shows the Docker Playground interface. It displays a terminal window where the user has successfully pulled the `uifd/ui-for-docker:latest` image and run it. The terminal output shows the image being pulled from Docker Hub and the container starting successfully. The user is now in a shell within the container, with the prompt `root@192.168.0.13`.

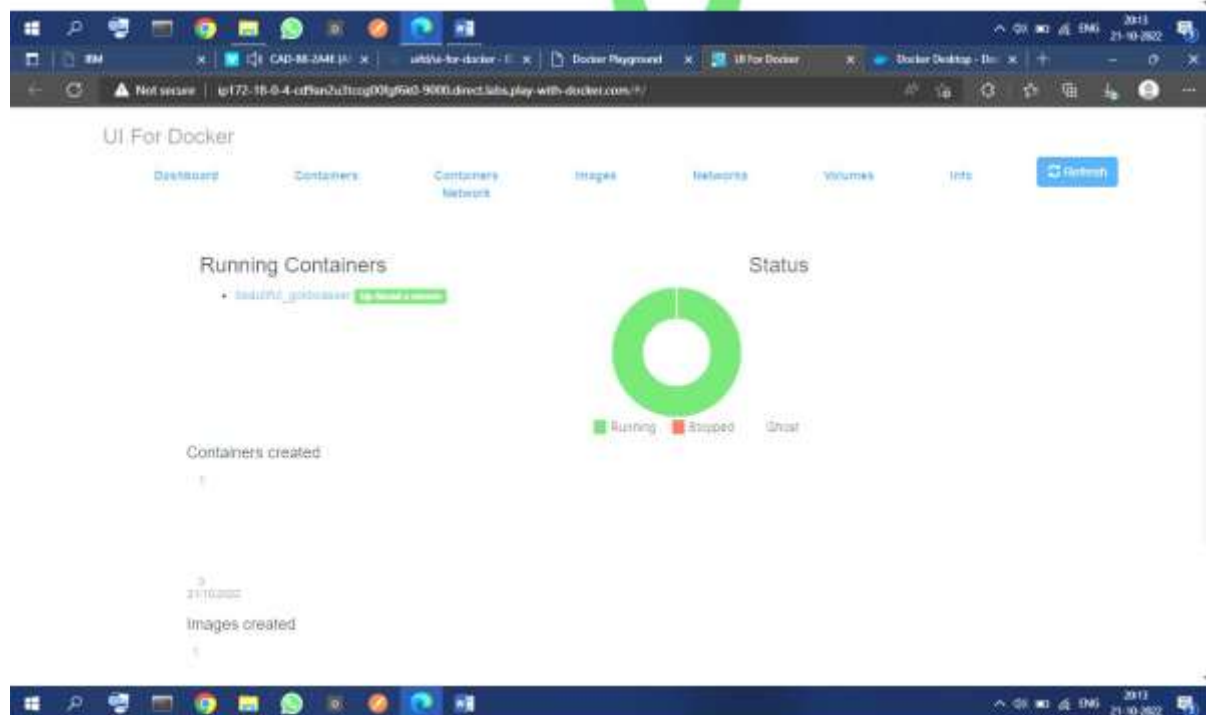
```

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.
#####
root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
041194d080cb: Pull complete
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b034cbad1244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
root@192.168.0.13 ~
$ docker run -d -p 3000:5000 --privileged --v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
a590d1162101ae792bdcaa0eb1dd98f6fe549cb5f24dab9ff7c1931923fc0d
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 docker file for the job portal application and deploy it in Docker desktop application

