

Assignment-4

Docker and Kubernetes

Assignment Date	25 October 2022
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Maximum Marks	2 Marks

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

The image shows a screenshot of a web browser displaying the Docker Hub page for the `uifd/ui-for-docker` repository. The page indicates it is deprecated and suggests using Portainer. Below this, there is a section for the Docker Pull Command, which is `docker pull uifd/ui-for-docker`.

Below the Docker Hub page, there is a screenshot of the Docker Playground interface. The interface shows a terminal window with the following commands and output:

```
cd9an2u3_cd9av060qau0008hbjs0
#
192.168.0.13 OPEN PORT

Memory CPU

ssh ip172-18-0-4-cd9an2u3tccg00f9b4d@direct.labs.playw

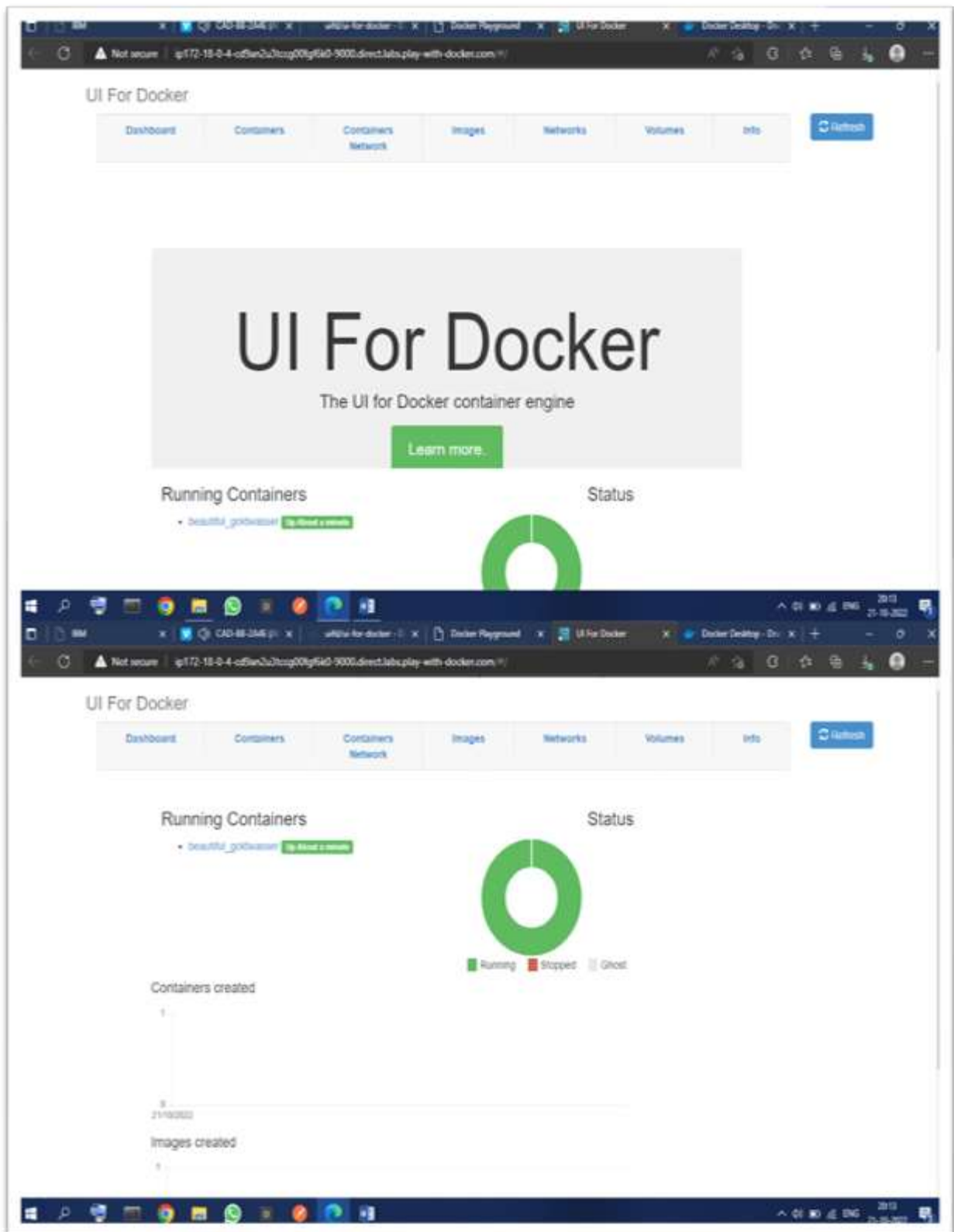
DELETE EDITOR

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
681194d800d: Pull complete
Digest: sha256:f9a371ff3e69249249b24072a5ab2244dd4c7b834cbadf246870572150b749
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 9000:9000 --privileged --v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
c594d163101ee795b8e0e0b1a4d30f4fe54b65d244eb56f7e1531503fe04
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 hello word app

[illegible]