

Assignment -4

Docker and Kubernetes

Assignment Date	21 October 2022
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Maximum Marks	2 Marks

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

The screenshot displays two web interfaces. The top interface is Docker Hub, showing the repository page for `uifd/ui-for-docker`. It includes a search bar, navigation links, and a description of the repository as a deprecated web interface for Docker. The bottom interface is Docker Playground, showing a terminal session for a container named `cd9an2u3_cd9av060qau0008hbjs0`. The terminal output shows the successful execution of the `docker pull uifd/ui-for-docker` command and the subsequent `docker run` command, which starts the container with the `uifd/ui-for-docker` image.

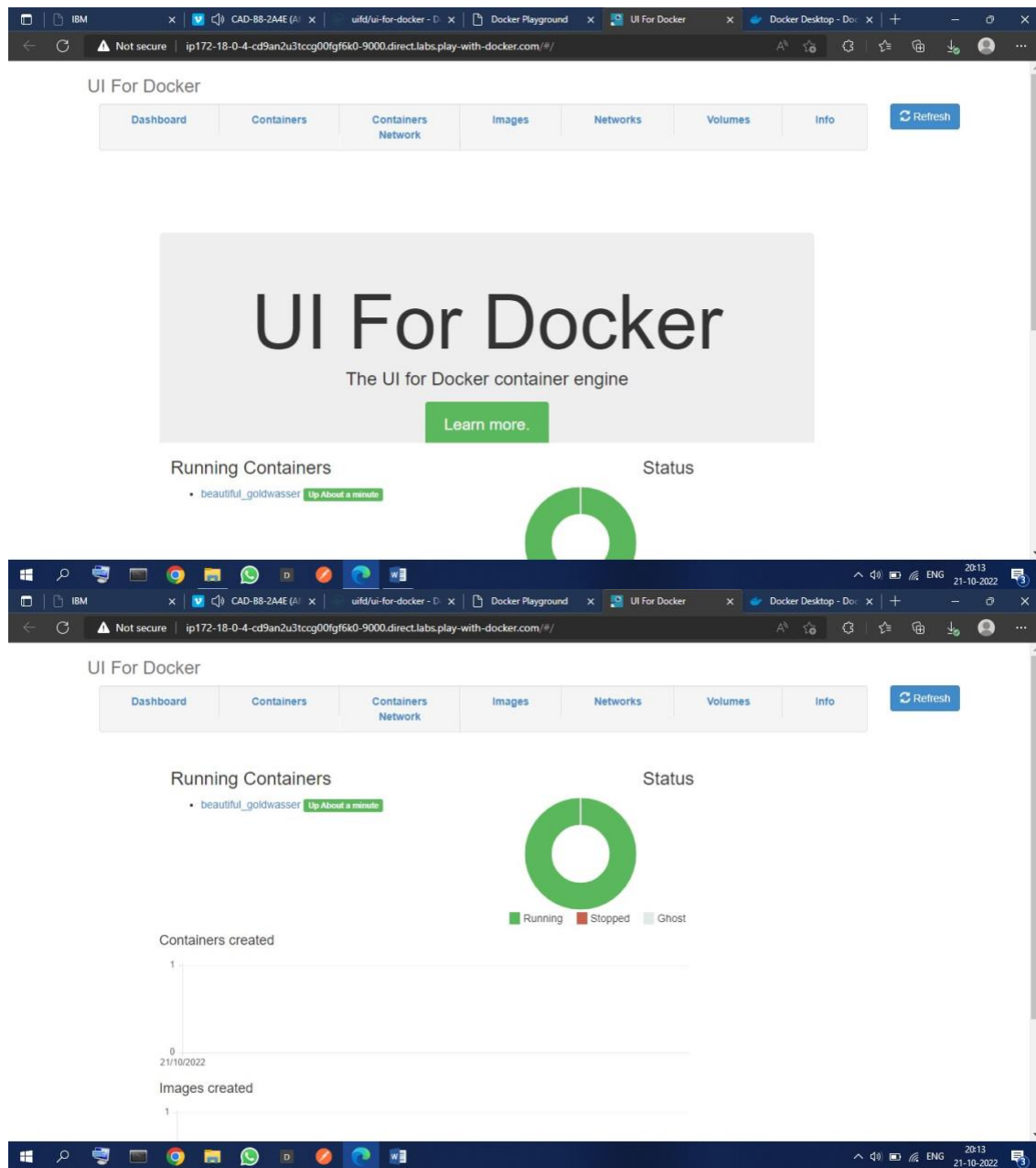
Docker Hub Interface:

- Repository: `uifd/ui-for-docker`
- By: `uifd` • Updated 6 years ago
- Description: A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.
- Tags: Overview, Tags
- UI For Docker: This repo is deprecated. Development continues at: `portainer/portainer`
- Docker Pull Command: `docker pull uifd/ui-for-docker`

Docker Playground Interface:

- Container Name: `cd9an2u3_cd9av060qau0008hbjs0`
- IP: `192.168.0.13`
- Memory: `192.168.0.13`
- CPU: `192.168.0.13`
- SSH: `ssh ip172-18-0-4-cd9an2u3tccg00fg6k0@direct.labs.play-with-docker.com`
- Terminal Output:

```
# 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
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dadb9ff7c1931923fc0d
[node1] (local) root@192.168.0.13 ~
$
```



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