

## Assignment -4

### Docker and Kubernetes

Assignment Date	06 NOVEMBER 2022
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Maximum Marks	2 Marks

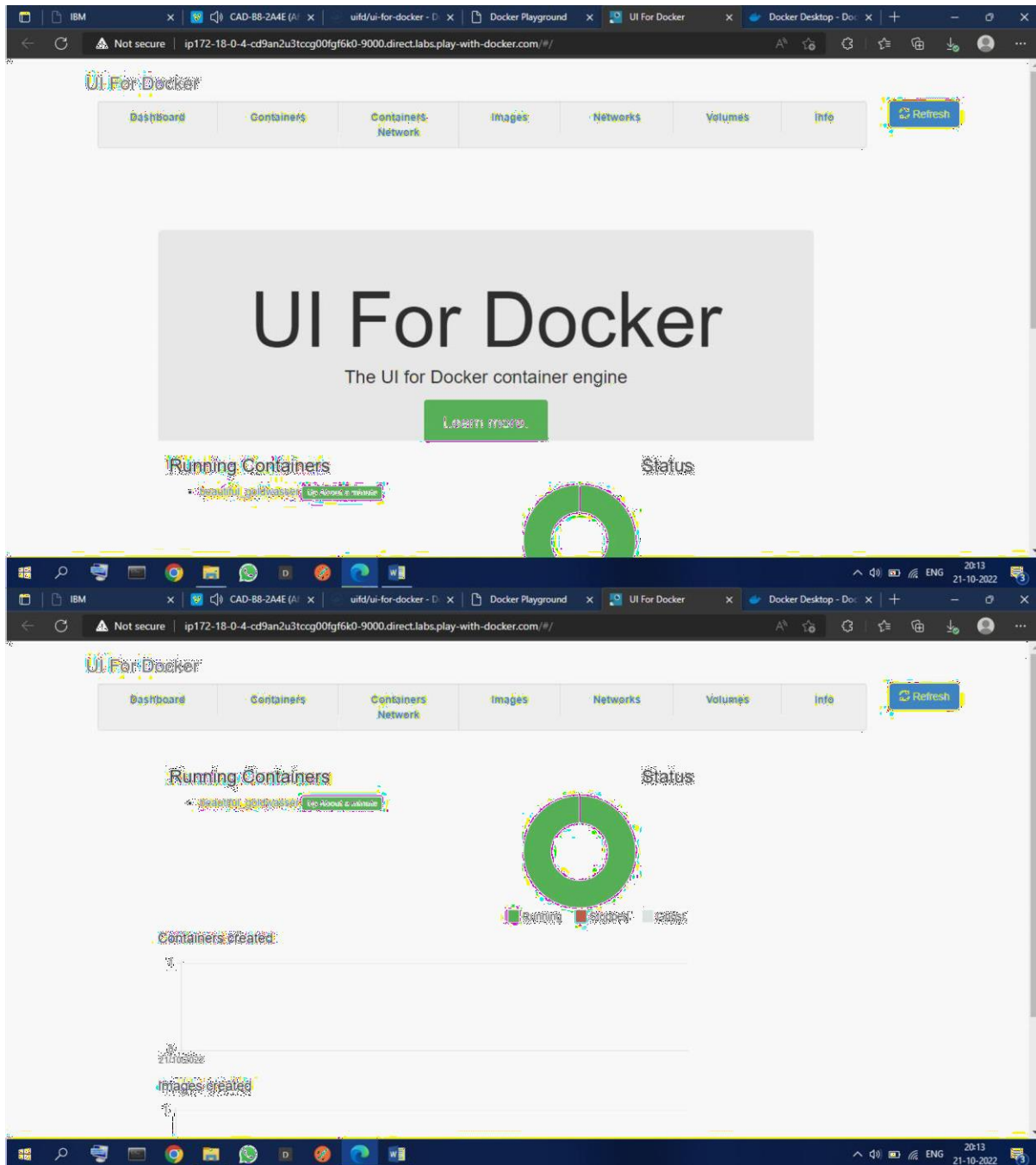
#### 1 Pull an image from docker hub and run it in docker Playground

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

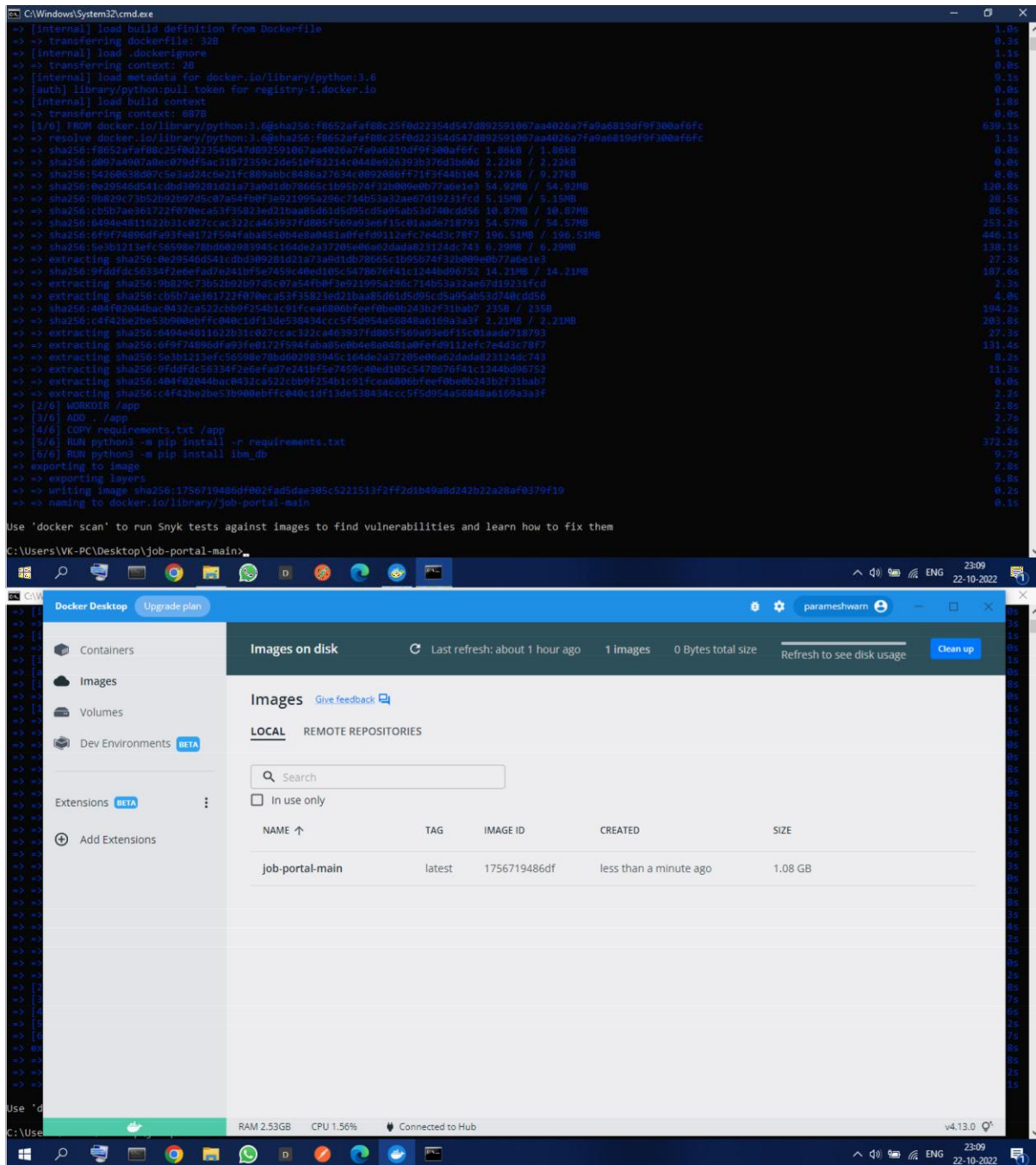
The bottom window shows the Docker Playground interface. It features a clock, a 'OPEN PORT' button, and a terminal window. The terminal output shows the following commands and their results:

```
# 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