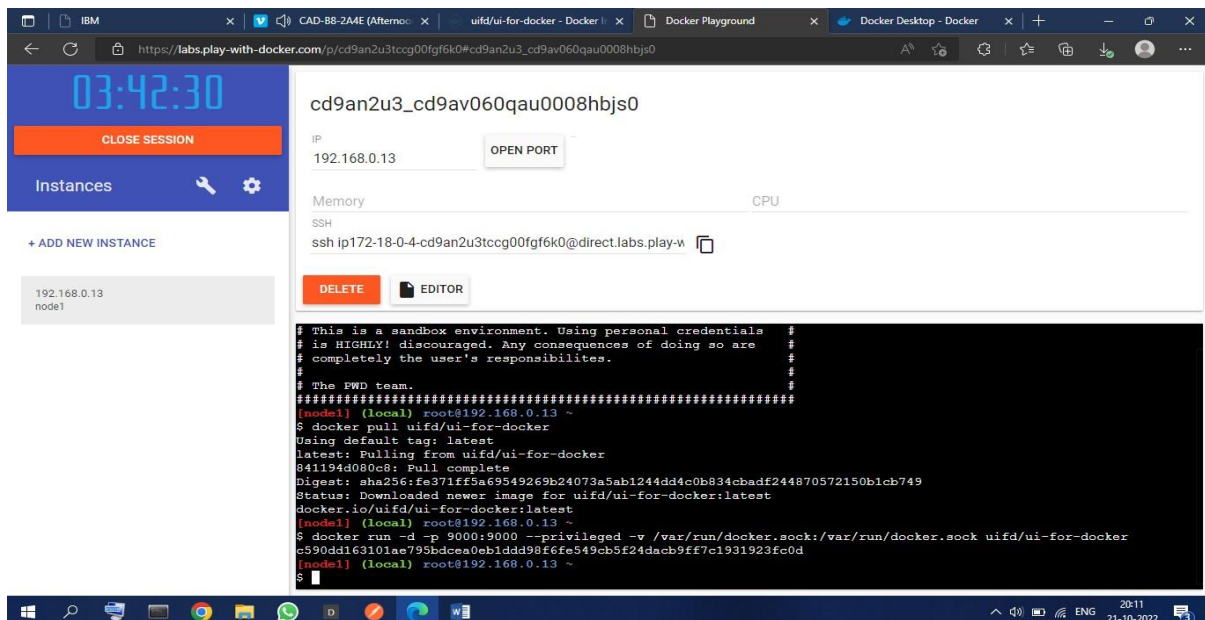
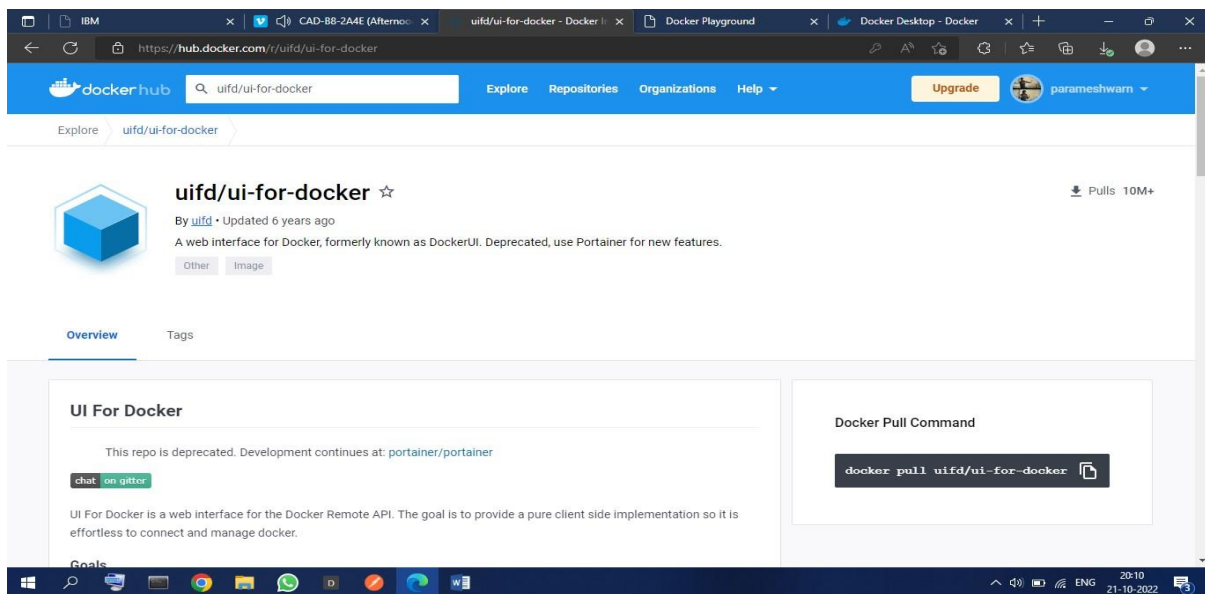


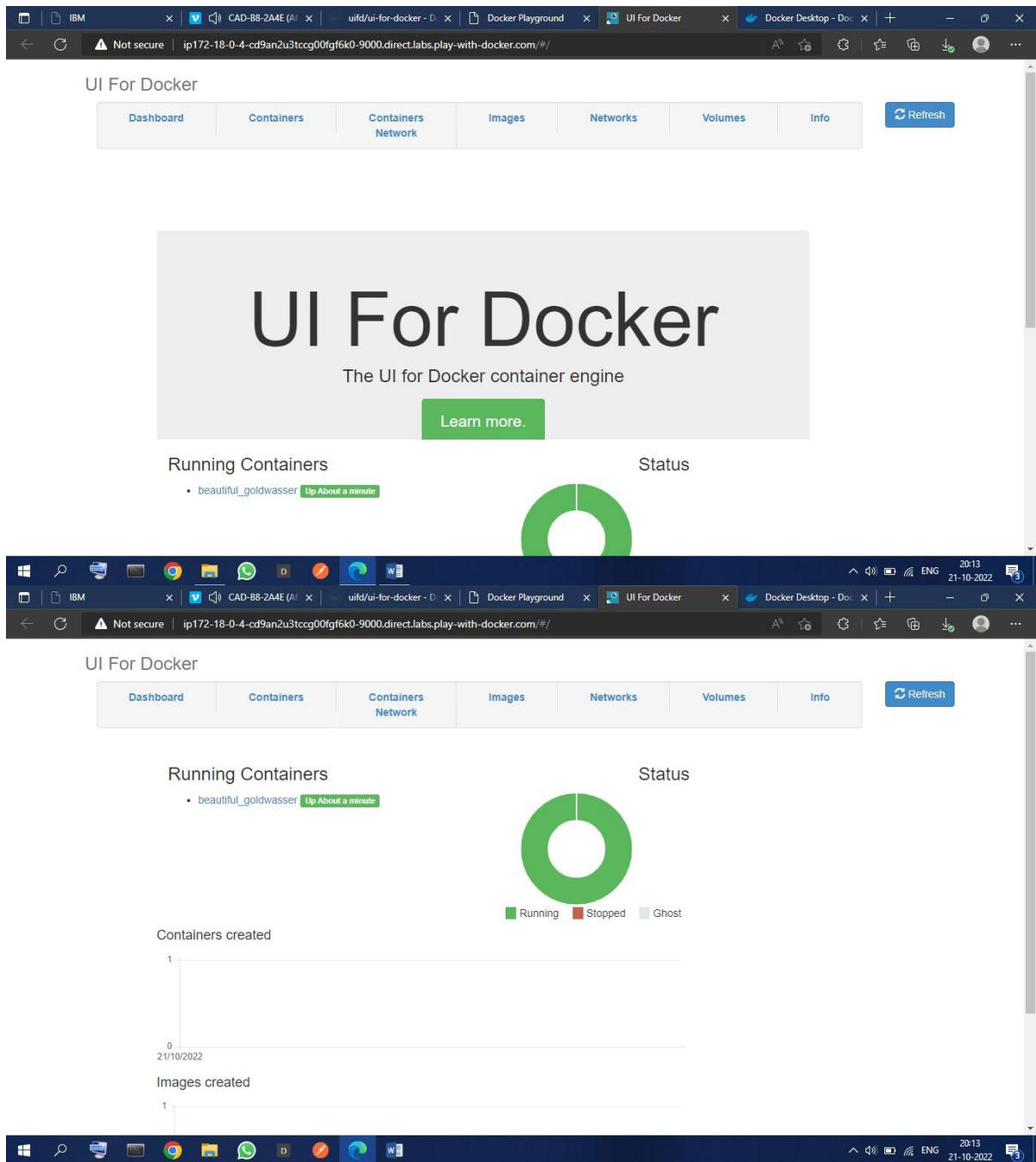
Assignment -4

Docker and Kubernetes

Assignment Date	21 October 2022
Student Name	VIJAY V
Student Roll Number	113119UG07113
Maximum Marks	2 Marks

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





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

C:\Windows\System32\cmd.exe

```
>> [Internal] load build definition from Dockerfile
>> transferring dockerfile: 32B
>> [Internal] load .dockerignore
>> transferring context: 2B
>> [Internal] load metadata for docker.io/library/python:3.6
>> [auth] library/python:pull token for registry-1.docker.io
>> [Internal] load build context
>> transferring context: 887B
>> [1/6] FROM docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6fc
>> resolve docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6fc
>> sha256:f8652afaf88c25f0d22354d547d892591067aa4026a7fa9a6819df9f300af6fc 1.86kB / 1.86kB
>> sha256:d097a4907a8ec079df5ac31872359c2de510f82214c0448e926393b376d3b60d 2.22kB / 2.22kB
>> sha256:54260638d07c5e3ad24c6e21fc889abbc8486a27634c0892006ff71f3f44b104 0.27kB / 0.27kB
>> sha256:0e29546d541cddb309261d21a73e9ad1db7665c1b95b74f32b009e0e07796e1e3 54.92MB / 54.92MB
>> sha256:0e829c73b52b92b9705c07a54f0e3a021095a296c714b33a32ae67d19231fcd 5.15MB / 5.15MB
>> sha256:cb5b7ae361722f070ec653f35823ad21baa85d61d5d95cd5a95ab53d740ecd56 10.87MB / 10.87MB
>> sha256:6404e4811622b31c027ccac322ca463937f4805f560a930ef15c01aade718793 54.57MB / 54.57MB
>> sha256:6f9f74896dfa93fe0172f594fab85e0b4e8a0481a0fef09112efc7e4d3c78f7 196.51MB / 196.51MB
>> sha256:5e3b1213efc56598e78bd002983945c164de2a37205e06ae2dada823124dc743 6.29MB / 6.29MB
>> extracting sha256:0e29546d541cddb309261d21a73e9ad1db7665c1b95b74f32b009e0e07796e1e3
>> sha256:9fd0ddfc56334f2e6efad7e241bf5e7459c40ed105c5478676f41c1244bd96752 14.21MB / 14.21MB
>> extracting sha256:0e829c73b52b92b97d5c07a54f0e3a021095a296c714b53a32ae67d19231fcd 2.35
>> extracting sha256:cb5b7ae361722f070ec653f35823ad21baa85d61d5d95cd5a95ab53d740ecd56 4.00
>> sha256:404f02044bac0432ca522cbb9f254b1c91fca6800bfeef0be0b243b2f31bab7 235B / 235B
>> sha256:c4f42be2be53b000ebffcc040c1df13de538434ccc5f5d954a56848a6169a3a3f 2.21MB / 2.21MB
>> extracting sha256:6404e4811622b31c027ccac322ca463937f4805f560a930ef15c01aade718793 27.35
>> extracting sha256:6f9f74896dfa93fe0172f594fab85e0b4e8a0481a0fef09112efc7e4d3c78f7 131.48
>> extracting sha256:5e3b1213efc56598e78bd002983945c164de2a37205e06ae2dada823124dc743 8.25
>> extracting sha256:9fd0ddfc56334f2e6efad7e241bf5e7459c40ed105c5478676f41c1244bd96752 11.35
>> extracting sha256:404f02044bac0432ca522cbb9f254b1c91fca6800bfeef0be0b243b2f31bab7 0.05
>> extracting sha256:c4f42be2be53b000ebffcc040c1df13de538434ccc5f5d954a56848a6169a3a3f 2.85
>> [2/6] WORKDIR /app
>> [3/6] ADD ./app
>> [4/6] COPY requirements.txt /app
>> [5/6] RUN python3 -m pip install -r requirements.txt
>> [6/6] RUN python3 -m pip install ibm_db
>> exporting to image
>> exporting layers
>> writing image sha256:1756719486df002fad5dae385c5221513f2ff2d1b49a8d242b22a28af0379f19
>> naming to docker.io/library/job-portal-main
>> 0.15
```

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\VK-PC\Desktop\job-portal-main>

Docker Desktop Upgrade plan

Containers Images Volumes Dev Environments BETA Extensions BETA Add Extensions

Images on disk Last refresh: about 1 hour ago 1 Images 0 Bytes total size Refresh to see disk usage Clean up

Images Give feedback

LOCAL REMOTE REPOSITORIES

Search

☐ In use only

NAME	TAG	IMAGE ID	CREATED	SIZE
job-portal-main	latest	1756719486df	less than a minute ago	1.08 GB

RAM 2.53GB CPU 1.56% Connected to Hub v4.13.0

3.Create a IBM container registry and deploy helloworld app