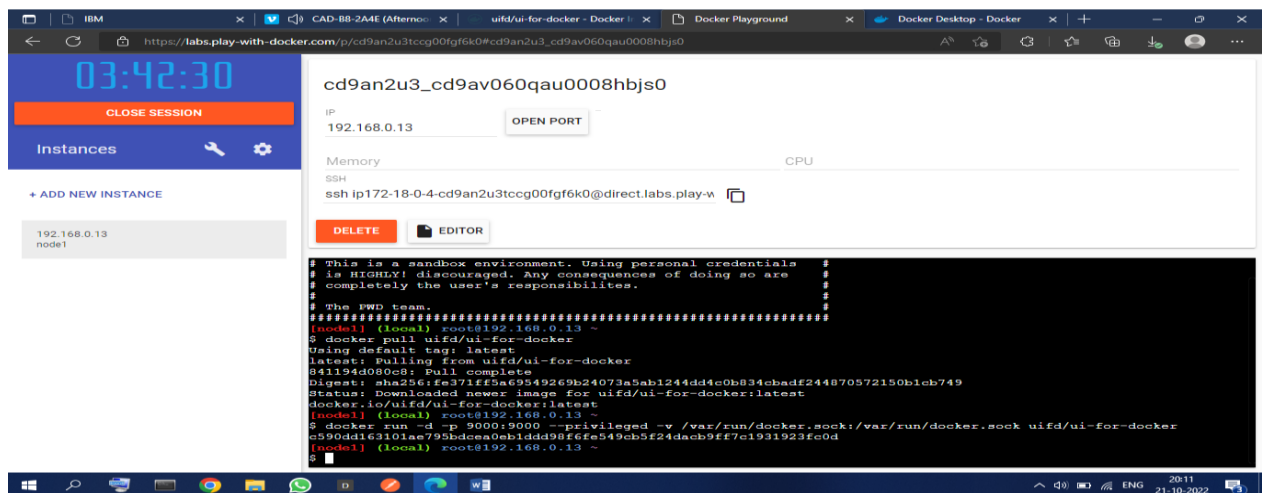
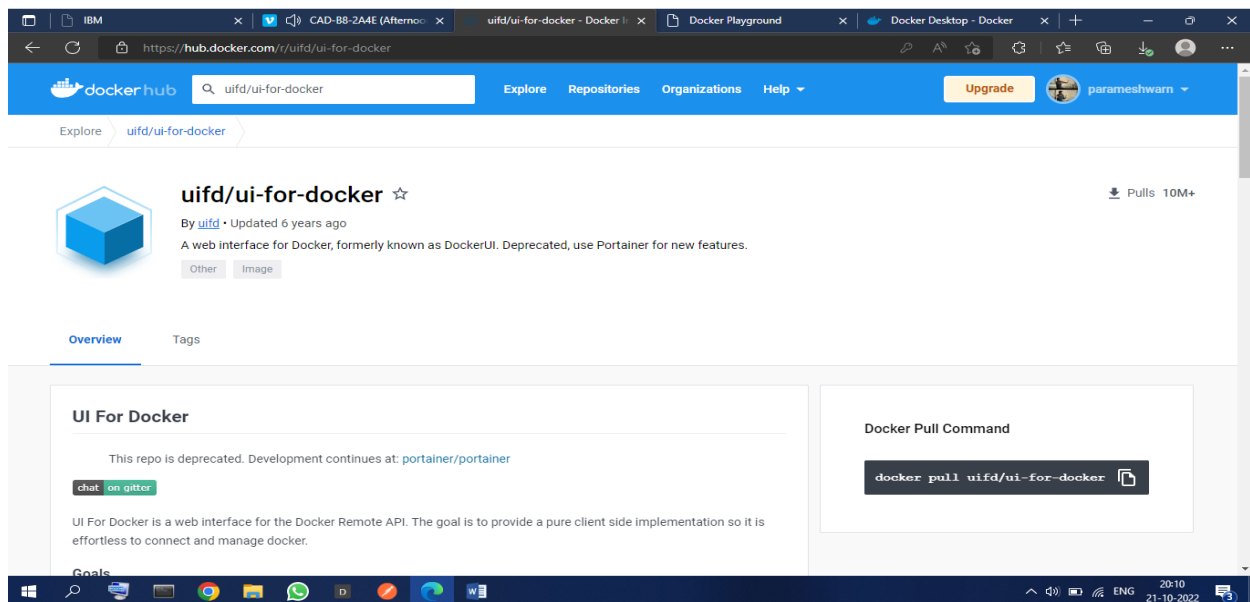
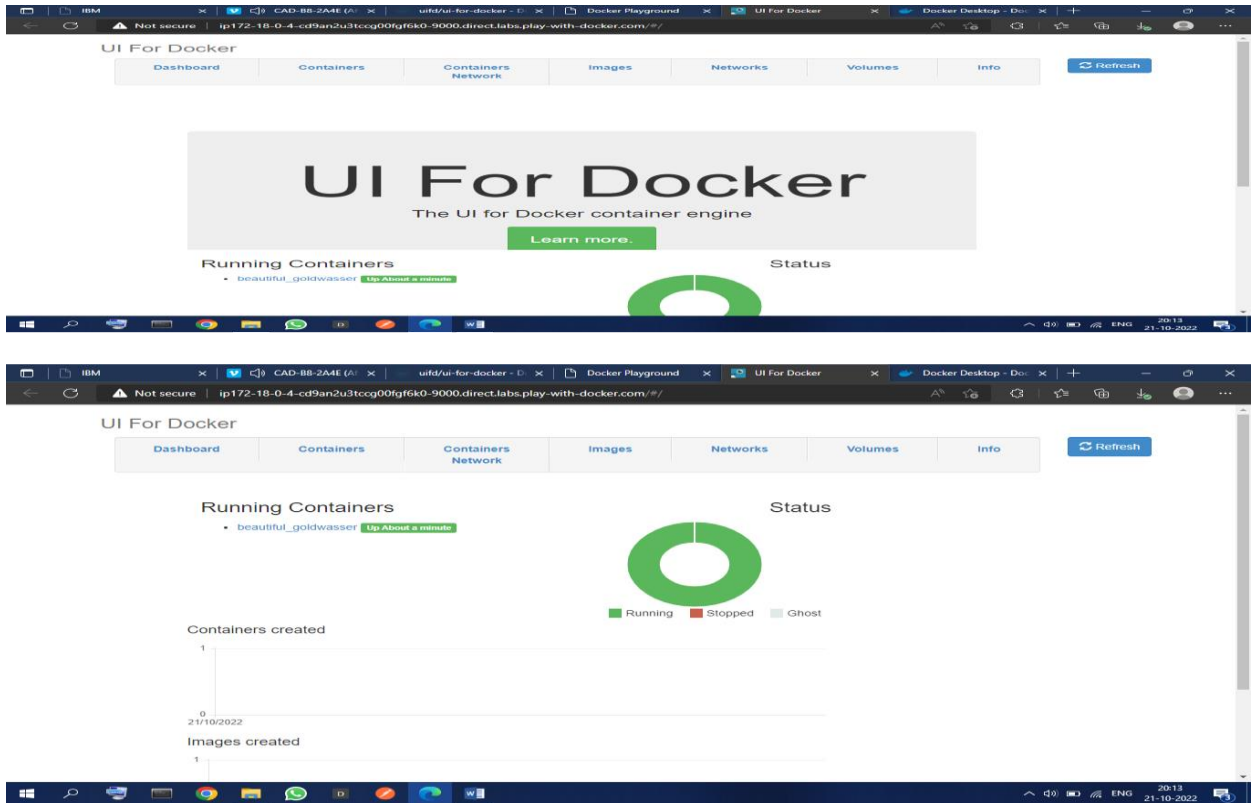


Assignment -4 Docker and Kubernetes

Student Name	ANUPADMA S
Student Rollno	961619104014
Maximum marks	2 marks

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



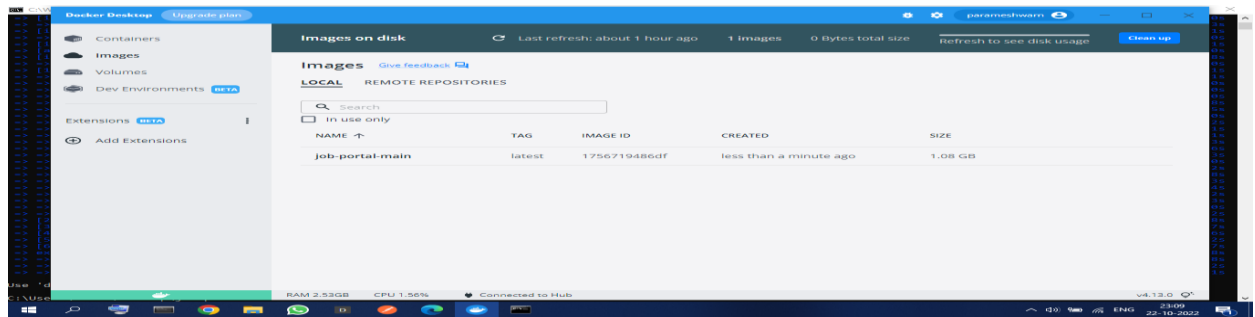


2.Create a docker file for the job portal application and deploy it in Docker desktop application

```

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: 687B
-> [1/6] FROM docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d802591067aa4026a7fa9a6819df9f300af6fc
-> => resolve docker.io/library/python:3.6@sha256:f8652afaf88c25f0d22354d547d802591067aa4026a7fa9a6819df9f300af6fc
-> => sha256:f8652afaf88c25f0d22354d547d802591067aa4026a7fa9a6819df9f300af6fc 1.86kB / 1.86kB
-> => sha256:d072e400746c07d8f5c31872359c7d6510f02214c04a5e026393b376d3b6d0 2.22kB / 2.22kB
-> => sha256:5a260638d07c5ad24c0e21fc889abbcb846a27634c0892086ff71f3f44b104 9.27kB / 9.27kB
-> => sha256:0e29546d541cbbd309281d21a73a9d1db78665c1b95b74f32b009e0b77a6e1e3 54.92MB / 54.92MB
-> => sha256:9a89c73b52b92b7d5c07a54fb0f1e921995a296c71db53a32aee7d19231fcd 5.15MB / 5.15MB
-> => sha256:cb5b7ae31722f070ec53f35823ed21baa85d61d5d95cd5a95ab53d740cdd56 10.87MB / 10.87MB
-> => sha256:6494e4811622b31c027ccac322ca463937fd805f569a9366f15c01aade718793 54.57MB / 54.57MB
-> => sha256:09f74896df031fe0172524faba9eb0e8a081a8fcd0112ef7e4d3c7077 196.51MB / 196.51MB
-> => sha256:5e3b1213efc56598e78bd602983945c164de2a37205e0e6a2dad823124dc743 6.20MB / 6.20MB
-> => extracting sha256:0e29546d541cbbd309281d21a73a9d1db78665c1b95b74f32b009e0b77a6e1e3
-> => sha256:9f0dfdc5633af2eefad7e241bf5e7459c40ed105c5478676f41c1244bd96752 14.21MB / 14.21MB
-> => extracting sha256:9b829c73b52b92b7d5c07a54fb0f1e921995a296c71db53a32aee7d19231fcd
-> => extracting sha256:cb5b7ae31722f070ec53f35823ed21baa85d61d5d95cd5a95ab53d740cdd56
-> => sha256:404f0944bac0412c922b097254b1c91fcee080b0e0e02432f31bab7 2.15B / 2.15B
-> => sha256:c4f42be2be53b090ebff040c1df13de538434ccc5f5d954a56848a6169a3a3f 2.21MB / 2.21MB
-> => extracting sha256:6494e4811622b31c027ccac322ca463937fd805f569a9366f15c01aade718793
-> => extracting sha256:09f74896df031fe0172524faba9eb0e8a081a8fcd0112ef7e4d3c7077
-> => extracting sha256:5e3b1213efc56598e78bd602983945c164de2a37205e0e6a2dad823124dc743
-> => extracting sha256:9f0dfdc5633af2eefad7e241bf5e7459c40ed105c5478676f41c1244bd96752
-> => extracting sha256:404f0944bac0412c922b097254b1c91fcee080b0e0e02432f31bab7
-> => extracting sha256:c4f42be2be53b090ebff040c1df13de538434ccc5f5d954a56848a6169a3a3f
-> [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 sha256:175671948edf002fd5d3e305c522151372ff2d1b49a8d242b22a28af0379f19
-> => naming to docker.io/library/job-portal-main
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>

```



3.Create a IBM container registry and deploy helloworld app