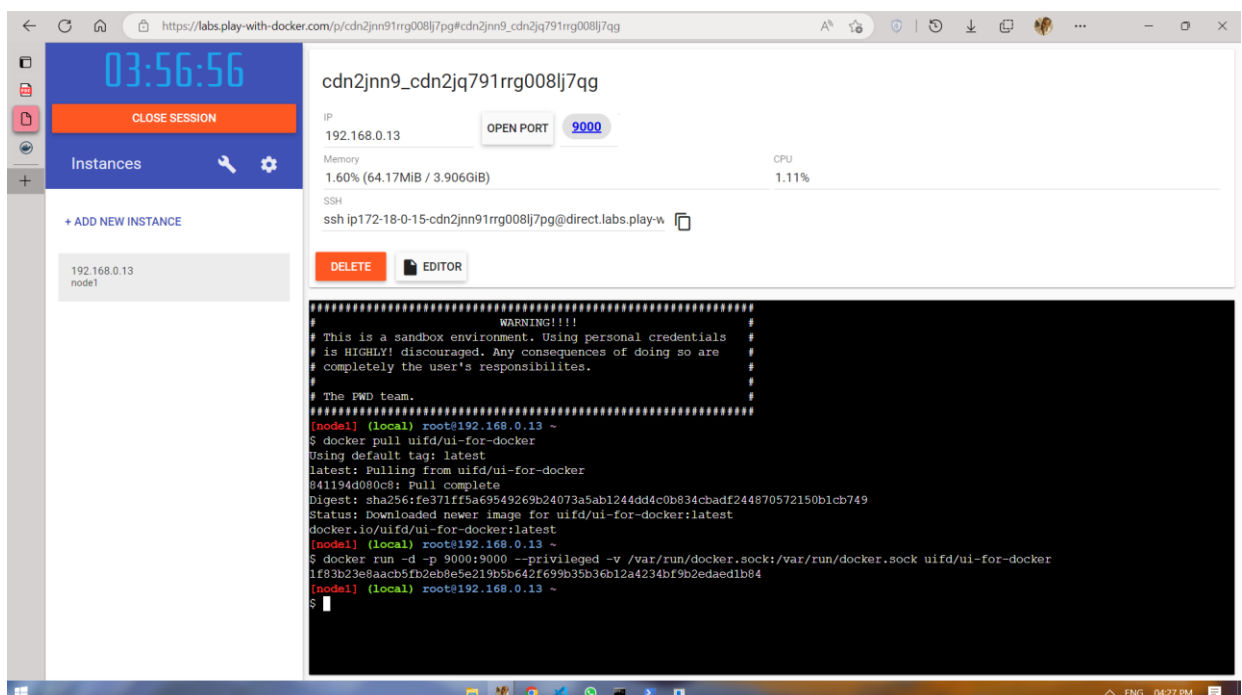
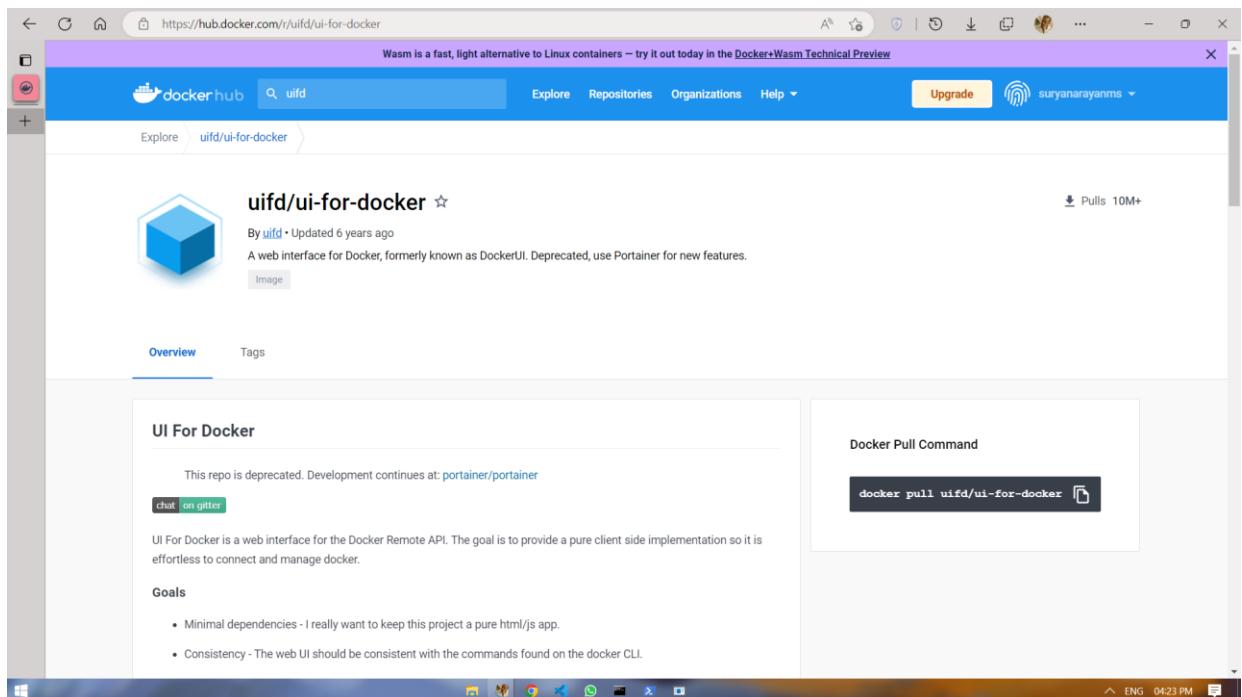


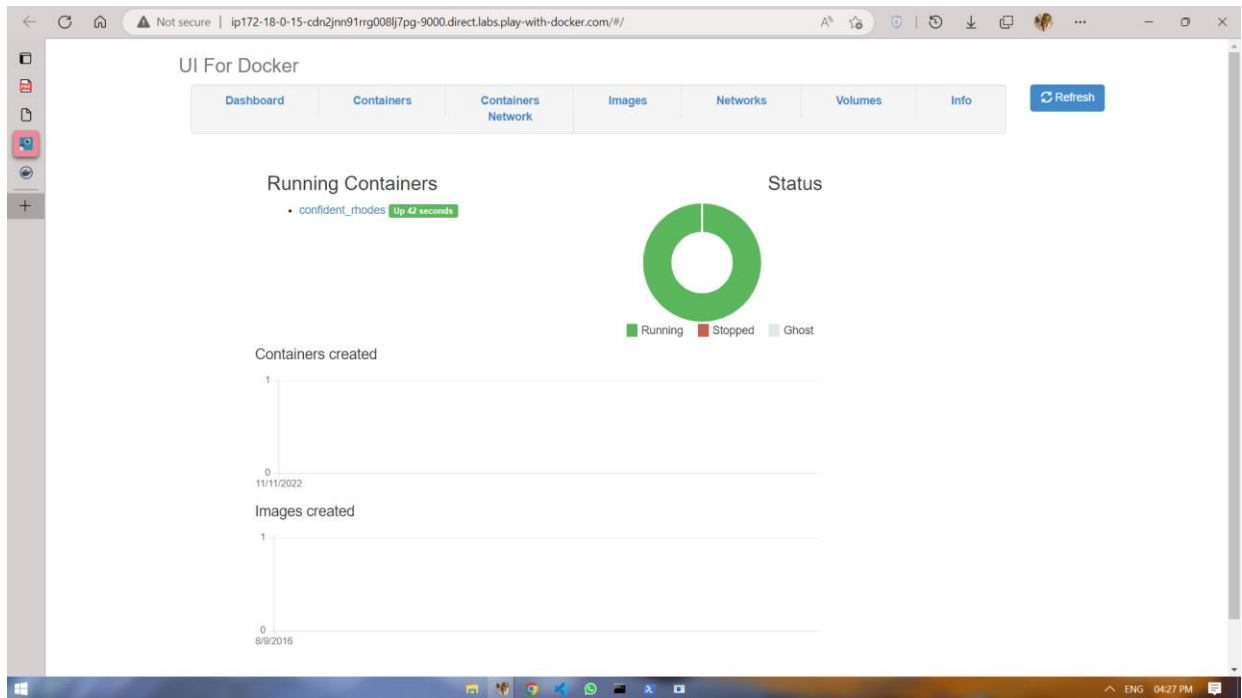
Assignment -4

Docker and Kubernetes

Assignment Date	21 October 2022
Student Name	SYED USMAN BUKARI K
Student Roll Number	1905148
Maximum Marks	2 Marks

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



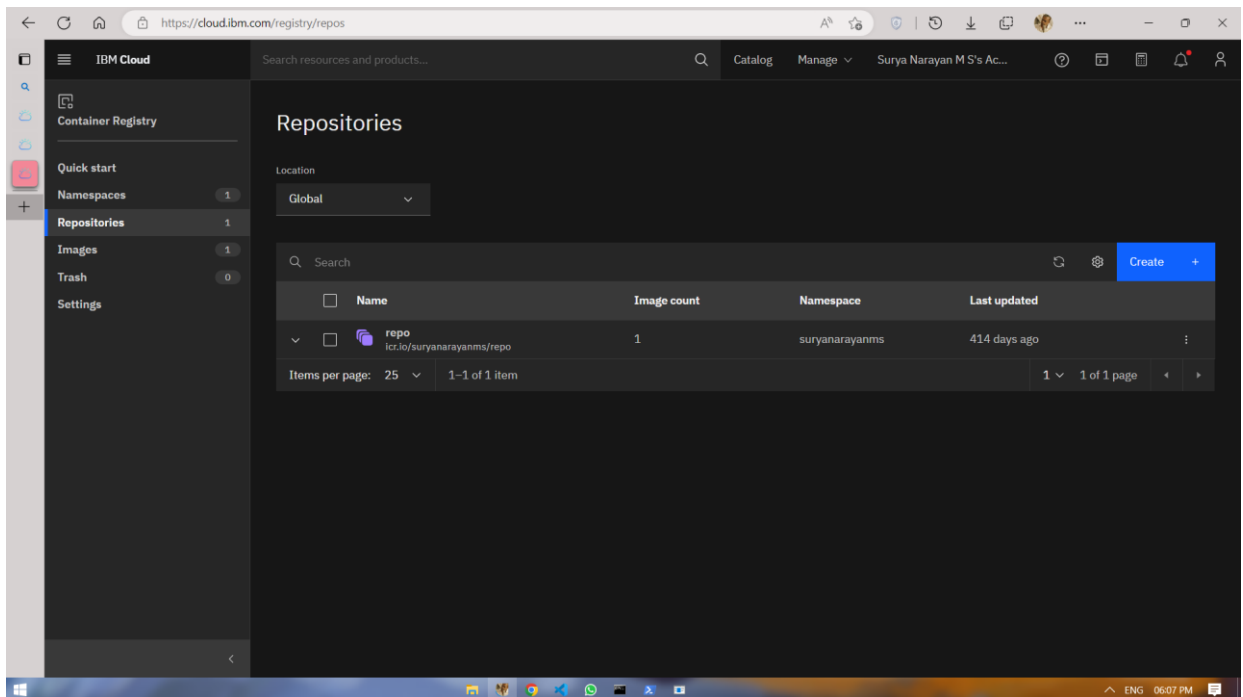
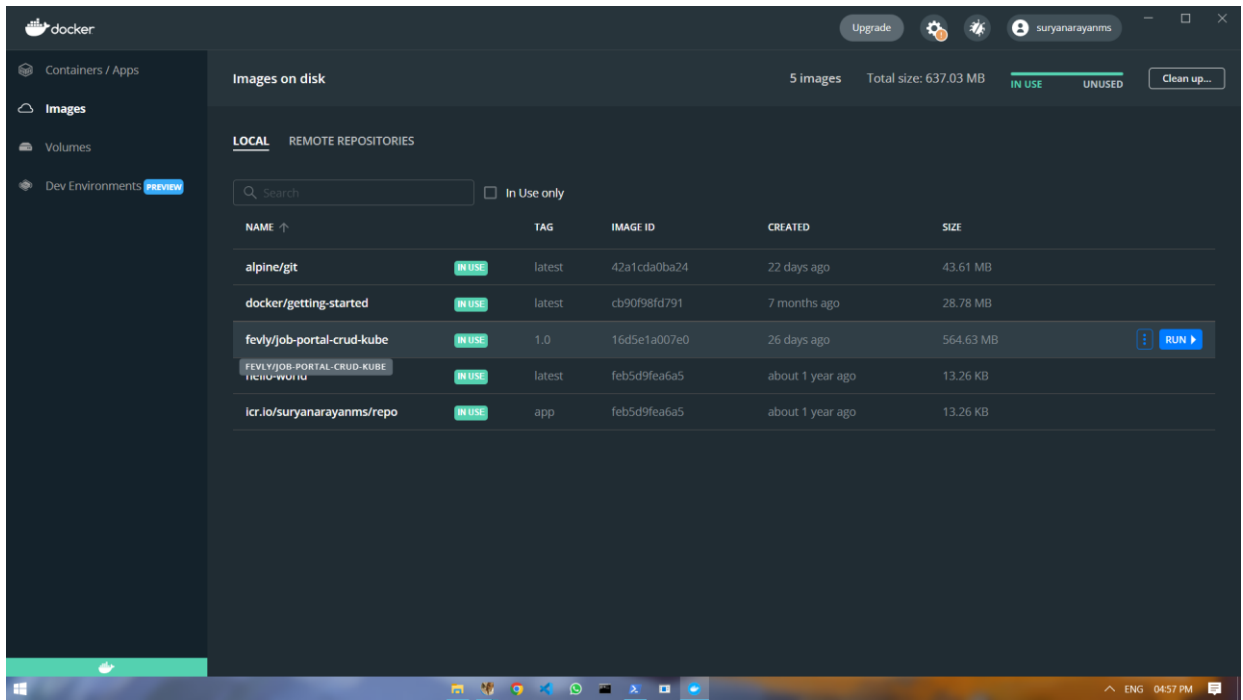


2. Create a Docker file for the job portal application and deploy it in Docker desktop application

```
Select Administrator: Windows PowerShell
Unable to find image 'docker/getting-started:latest' locally
latest: Pulling from docker/getting-started
d99b388f04a: Pull complete
5867c8a5fcb0: Pull complete
48639ed5eb3b: Pull complete
861ed9b2b976: Pull complete
6c19f3e8eeb1: Pull complete
4871be97c256: Pull complete
70b5d6f1a54b: Pull complete
8c9732f525d6: Pull complete
Digest: sha256:b558be874169471bd4e65bd6eac8c303b271a7ee8553ba47481b73b2bf597aae
Status: Downloaded newer image for docker/getting-started:latest
a17e13d48b031138c64f0ac6f450381c6b258a37864767eeac55fcb3c54c3
PS C:\Program Files\Docker\Docker> docker login
Logging in to 'docker' in to 'icr.io'...
Logged in to 'icr.io'.

PS C:\Program Files\Docker\Docker> docker pull hello-world
Using default tag: latest
latest: Pulling from library/hello-world
2db29718123e: Pull complete
Digest: sha256:fa8b3c78c99707ef34423fccc0ec2398ecd5759259f94d99078f264e9d7af
Status: Downloaded newer image for hello-world:latest
docker.io/library/hello-world:latest
PS C:\Program Files\Docker\Docker> docker tag hello-world icr.io/suryanarayams/repo:app
PS C:\Program Files\Docker\Docker> docker push icr.io/suryanarayams/repo:app
The push refers to repository [icr.io/suryanarayams/repo]
a87ee1baac5f: Pushed
app: digest: sha256:f54c58bc1aac5a5a25d796ae155d4c22b03f0ba110846ae276b39c4bf2f13d8c4 size: 525
PS C:\Program Files\Docker\Docker> docker images
Listing images...
Repository          Tag      Digest      Namespace      Created      Size      Security status
icr.io/suryanarayams/repo  app      f54c58bc1aac  suryanarayams  1 year ago  2.5 kB      -

PS C:\Program Files\Docker\Docker> docker tag job-portal-main icr.io/suryanarayams/repo:app
Error response from daemon: No such image: job-portal-main:latest
PS C:\Program Files\Docker\Docker> docker pull fevly/job-portal-crud-kube:1.0
1.0: Pulling from fevly/job-portal-crud-kube
9d1c52e26ad5: Downloading [=====] 29.69MB/59MB
9d4d9b6e96d4: Download complete
2d68748d27ec: Download complete
4d4ef32d4350: Downloading [=====] 8.074MB/54.58MB
8d5151f15666: Download complete
52a8c42d3d3b: Download complete
8754d6e68989: Downloading [==>] 2.145MB/105.9MB
2af2e2b0f1ed: Waiting
```



3. Create a IBM container registry and deploy hello word app

