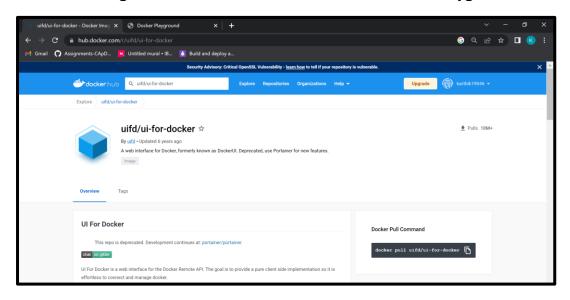
ASSIGNMENT – 4

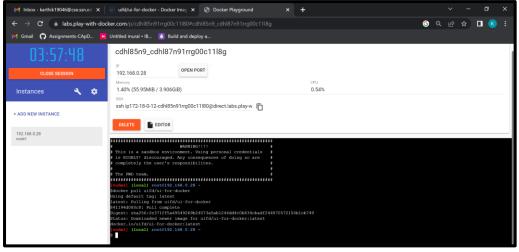
Name	KARTHIK A
Roll No	SSNCE195001046
Batch	B1A3E-07

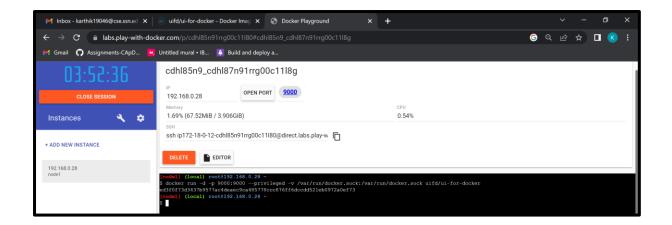
AIM:

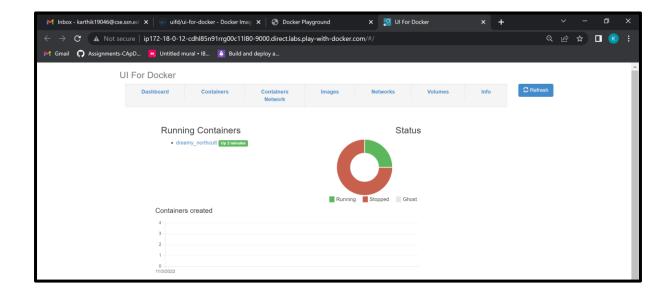
- 1. Pull an Image from docker hub and run it in Docker Playground
- 2. Create a docker file for the jobportal application and deploy it in Docker desktop application
- 3. Create a IBM container registry and deploy helloworld app or jobportal app
- 4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport

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



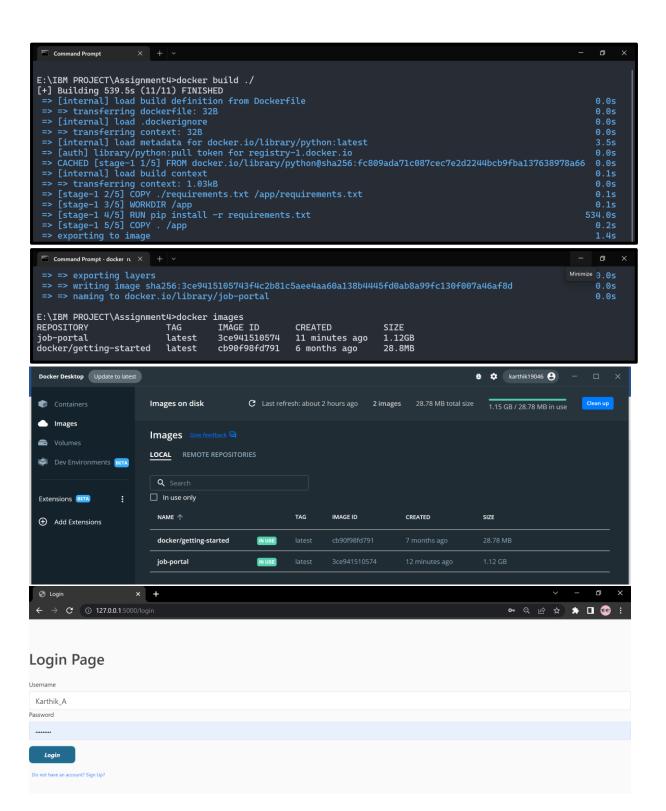


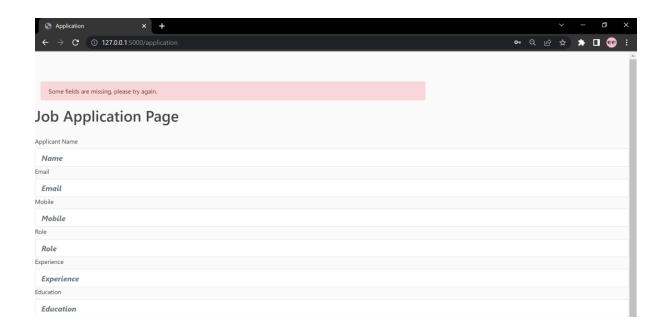




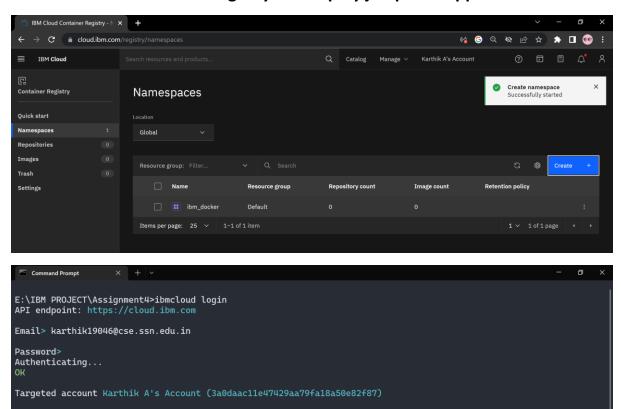
2. Create a docker file for the jobportal application and deploy it in Docker desktop application



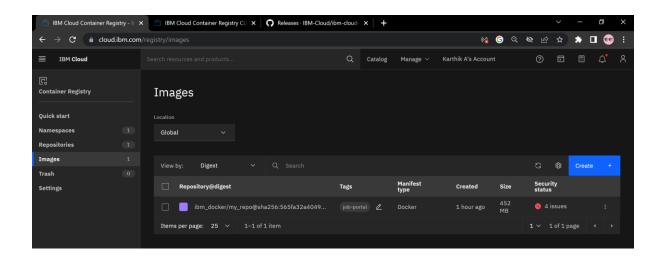




3. Create a IBM container registry and deploy job portal app



```
E:\IBM PROJECT\Assignment4>docker login
Authenticating with existing credentials...
Login Succeeded
Logging in with your password grants your terminal complete access to your account. For better security, log in with a limited-privilege personal access token. Learn more at https://docs.docker.com
/go/access-tokens/
E:\IBM PROJECT\Assignment4>docker push icr.io/ibm_docker/my_repo:job-portal The push refers to repository [icr.io/ibm_docker/my_repo]
ca8305ecc3bf: Pushed
31d0257e0eb5: Pushed
5f70bf18a086: Pushed
f7e78bdf33ae: Pushed
6f6e69c2c592: Pushed
53b8bfee7a0a: Pushed
5b3f1ed98915: Pushed
6b183c62e3d7: Pushed
882fd36bfd35: Pushed
d1dec9917839: Pushed
d38adf39e1dd: Pushed
4ed121b04368: Pushed
d9d07d703dd5: Pushed
job-portal: digest: sha256:565fa32a4049d4c27f7599d27083e601bb3b18a1e45ee1bd23756052aefa28ed size: 3054
```



4. Create a Kubernetes cluster in IBM cloud and deploy jobportal image and also expose the same app to run in nodeport

