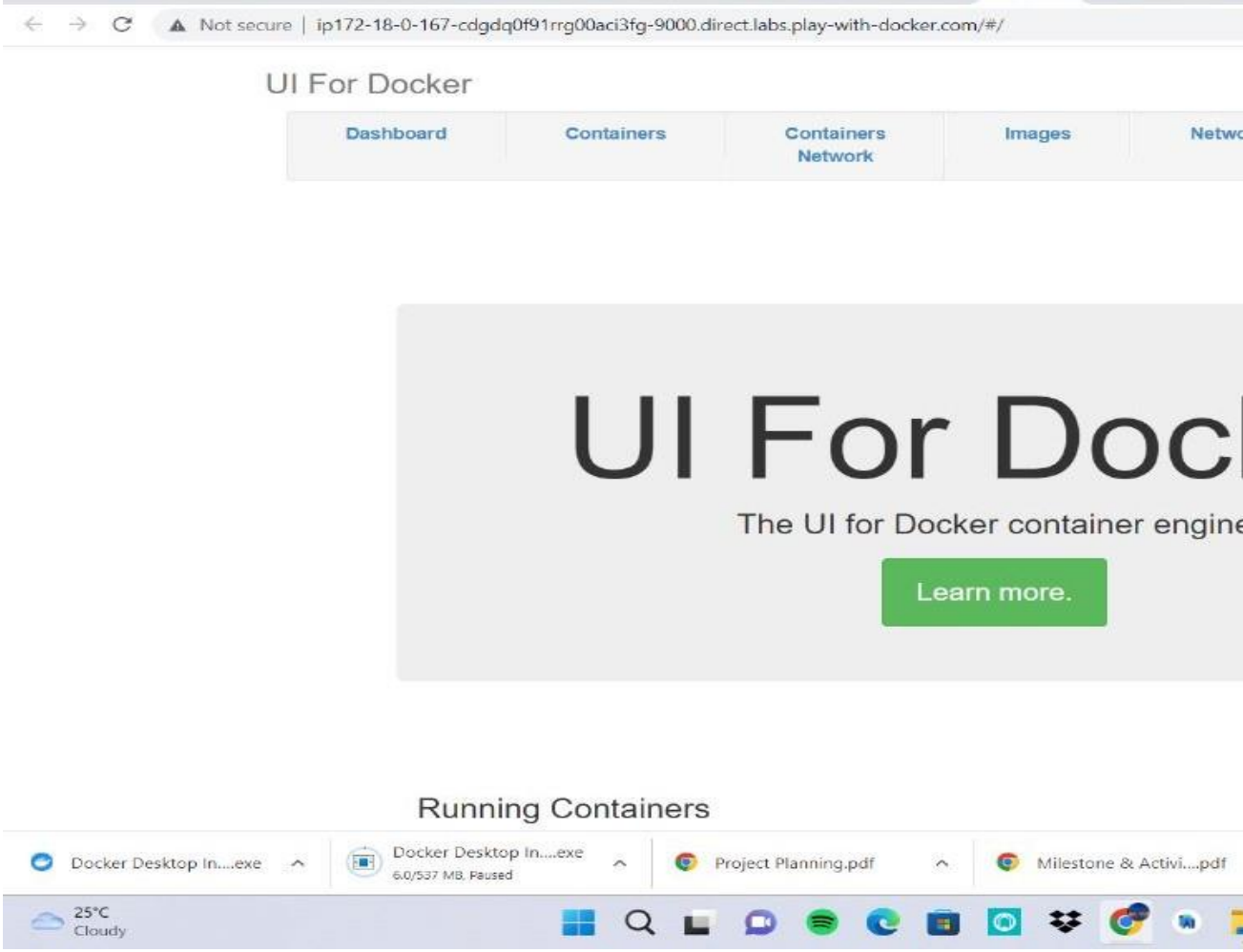
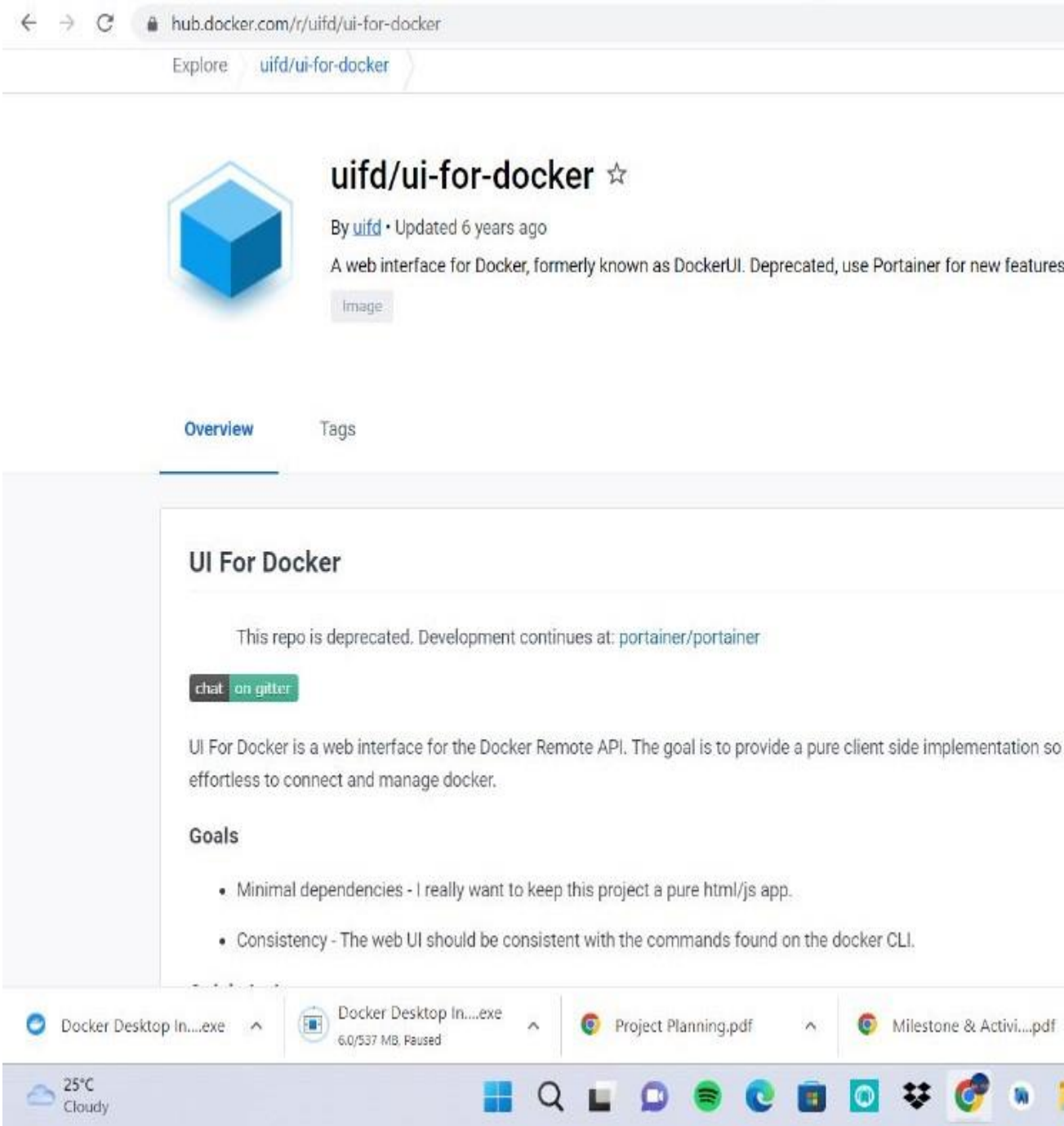
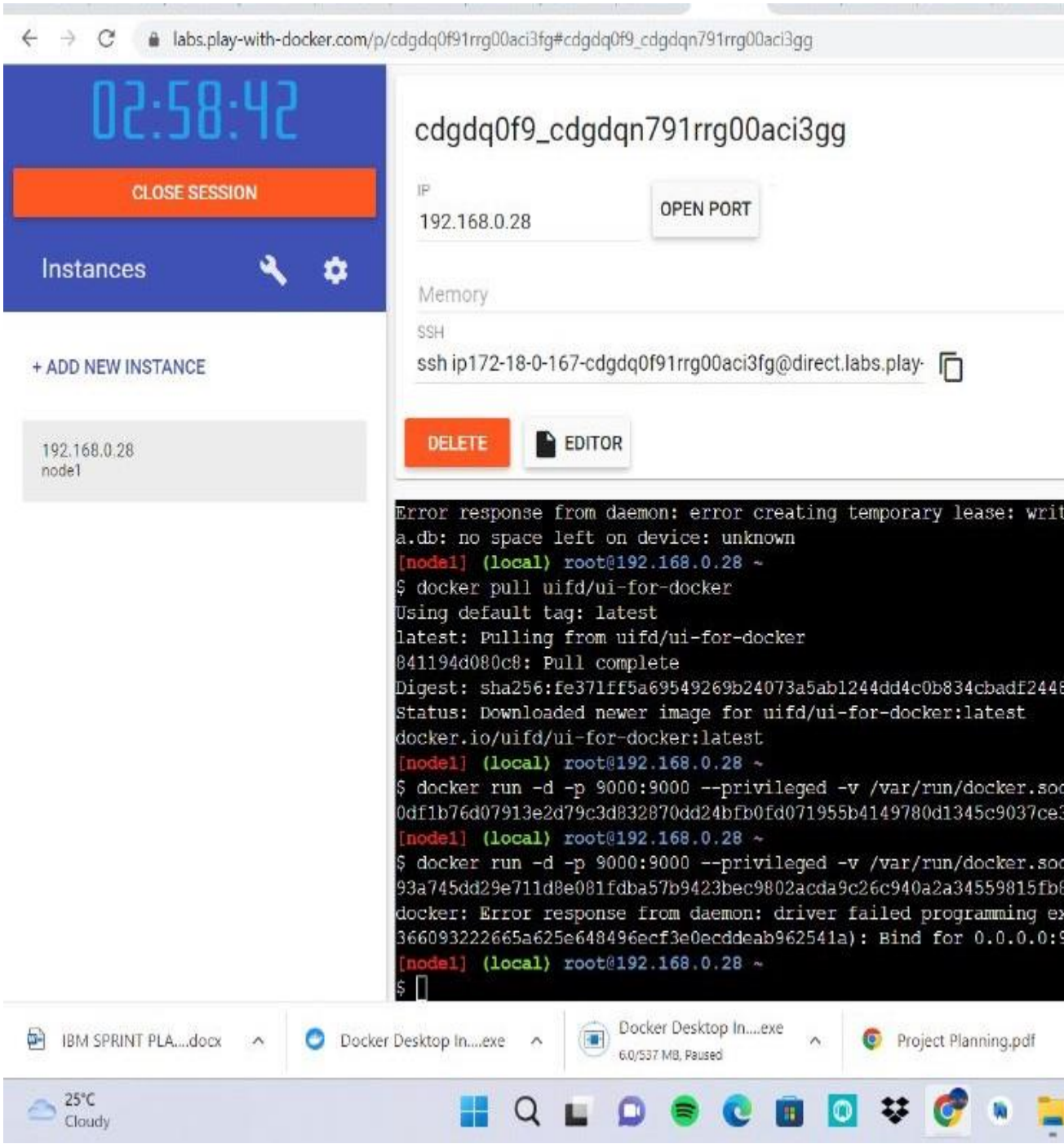
Assignment-4

1. **Pull an Image from docker hub and run it in docker playground.**

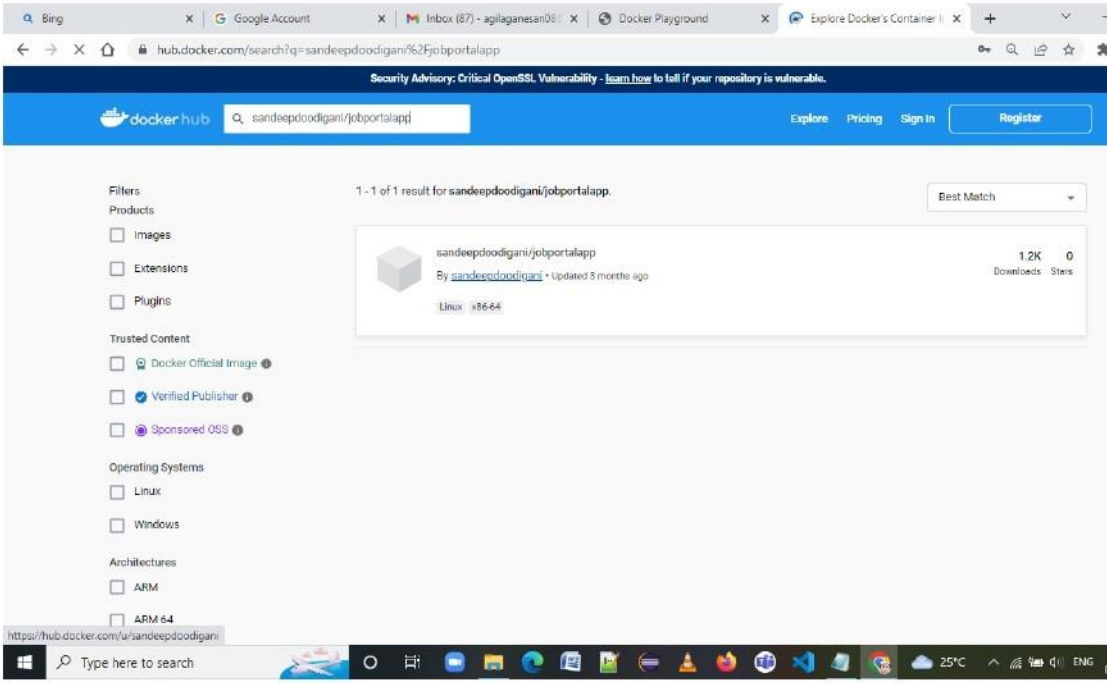



hub.docker.com/r/uifd/ui-for-docker
Explore
uifd/ui-for-docker
uifd/ui-for-docker ☆
By uifd • Updated 6 years ago
A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features
Image
Overview
Tags
UI For Docker
This repo is deprecated. Development continues at: portainer/portainer
chat on gitter
UI For Docker is a web interface for the Docker Remote API. The goal is to provide a pure client side implementation so
effortless to connect and manage docker.
Goals
Minimal dependencies - I really want to keep this project a pure html/js app.
Consistency - The web UI should be consistent with the commands found on the docker CLI.
Docker Desktop In....exe
Docker Desktop In....exe
6.0/537 MB, Paused
Project Planning.pdf
Milestone & Activi....pdf
25°C
Cloudy

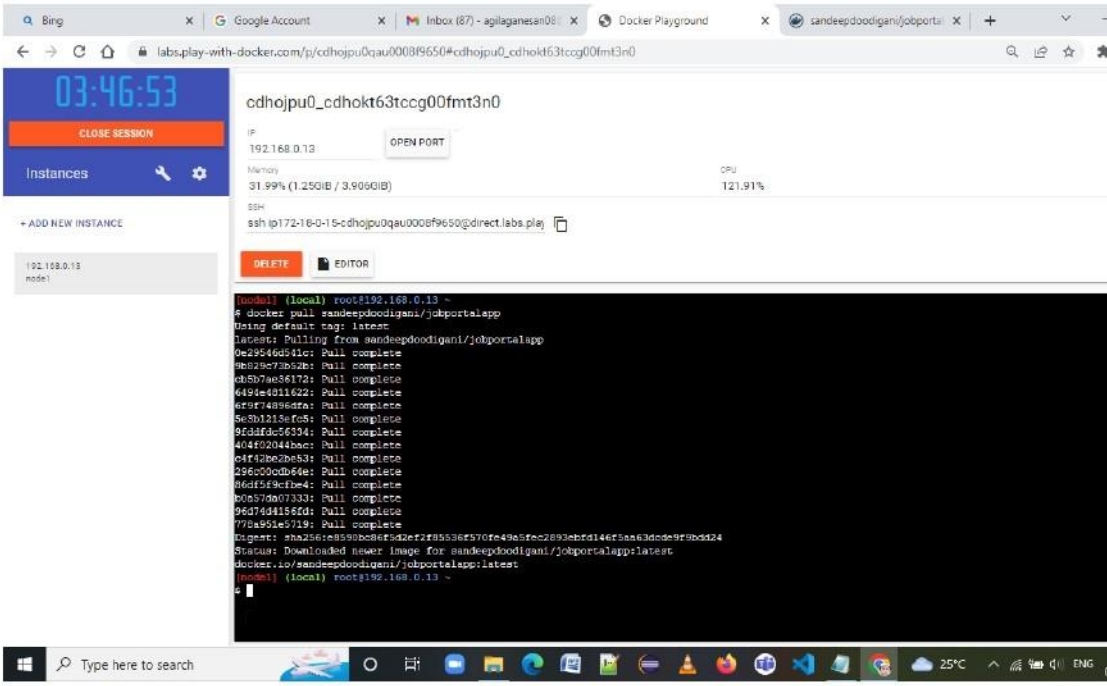


2.Create a docker file for the jobportal application and deploy it in Docker desktop application.

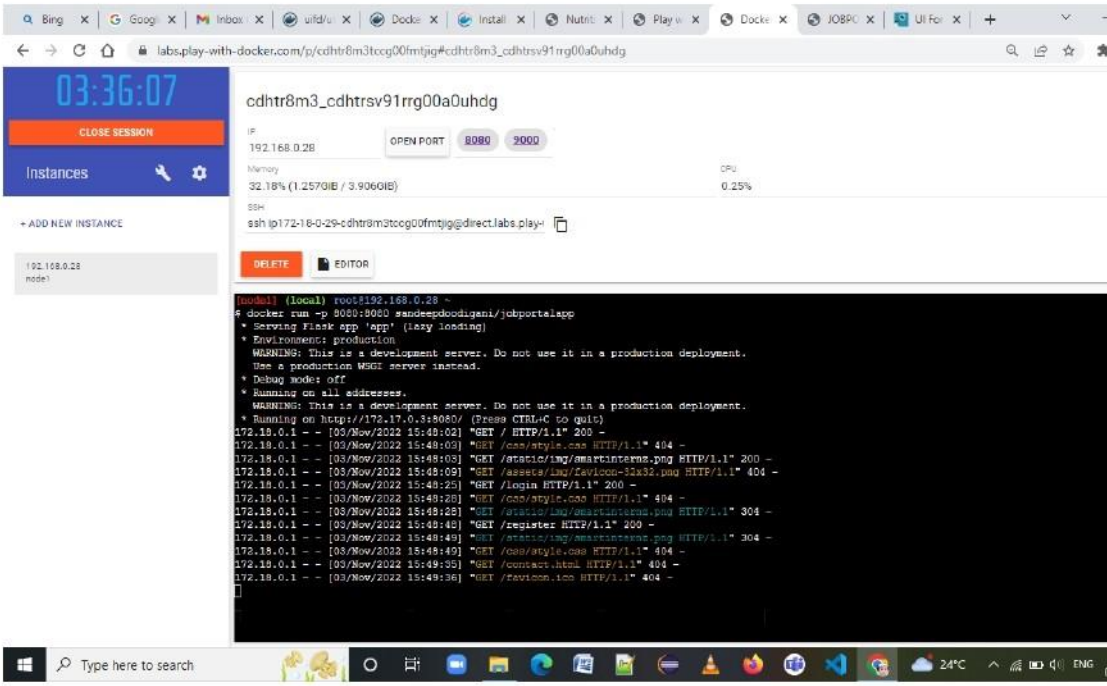
1.Search the file as sandeepdoodigani/jobportalapp in hub.docker.com



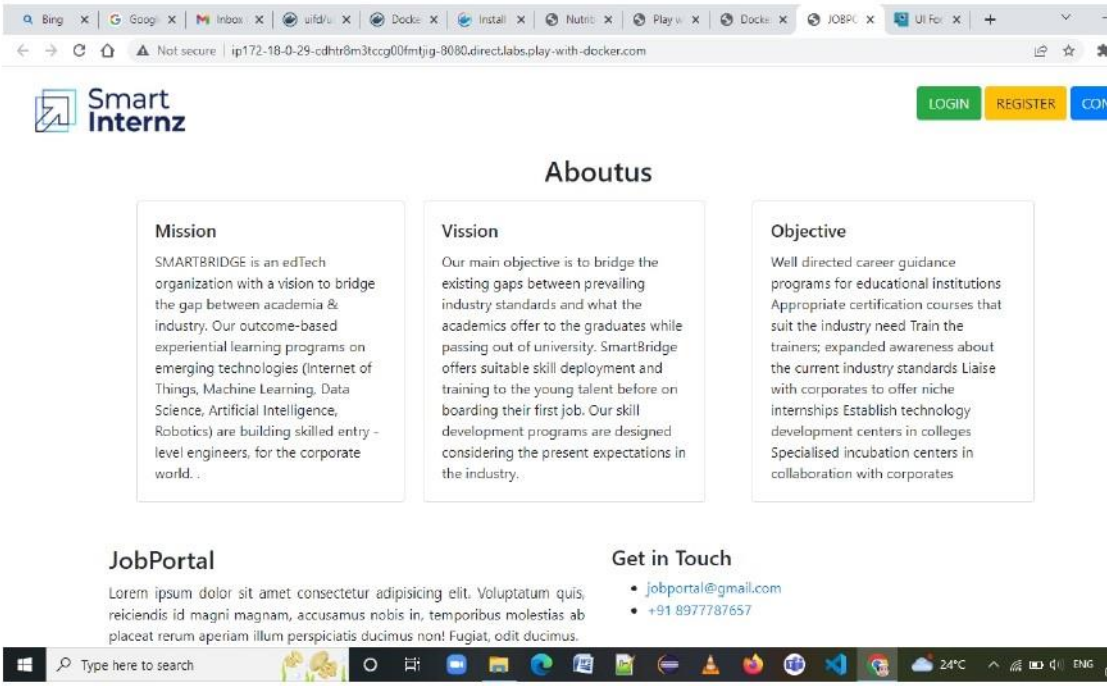
2. Open docker playground and pull the jobportalapp



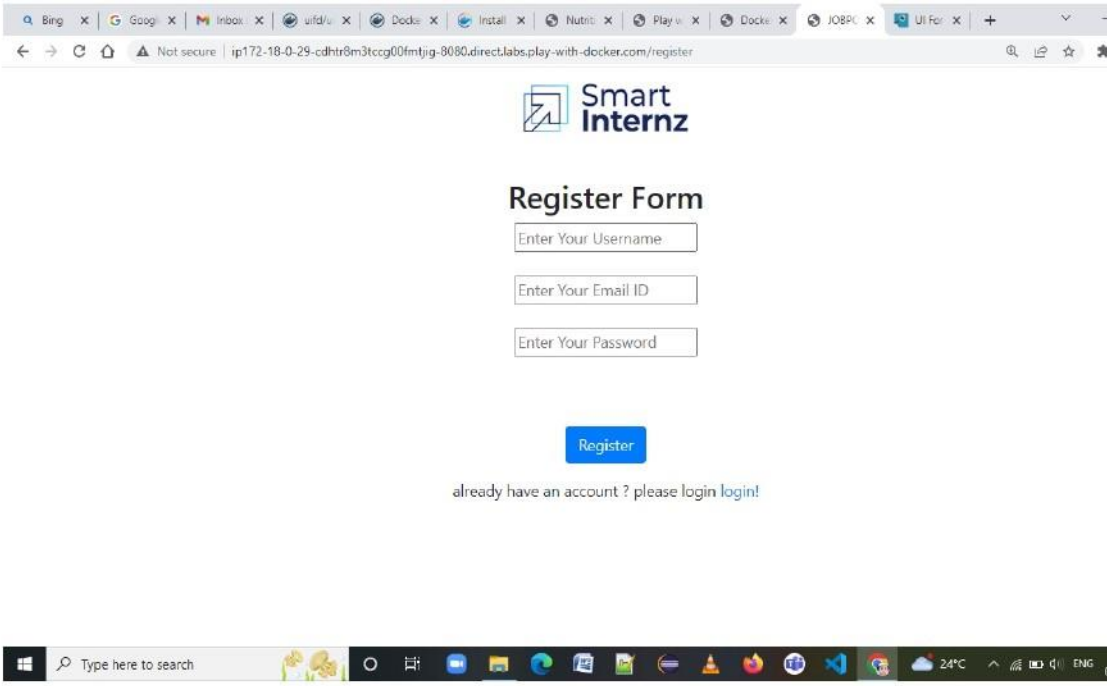
3. Create a port number and run the application



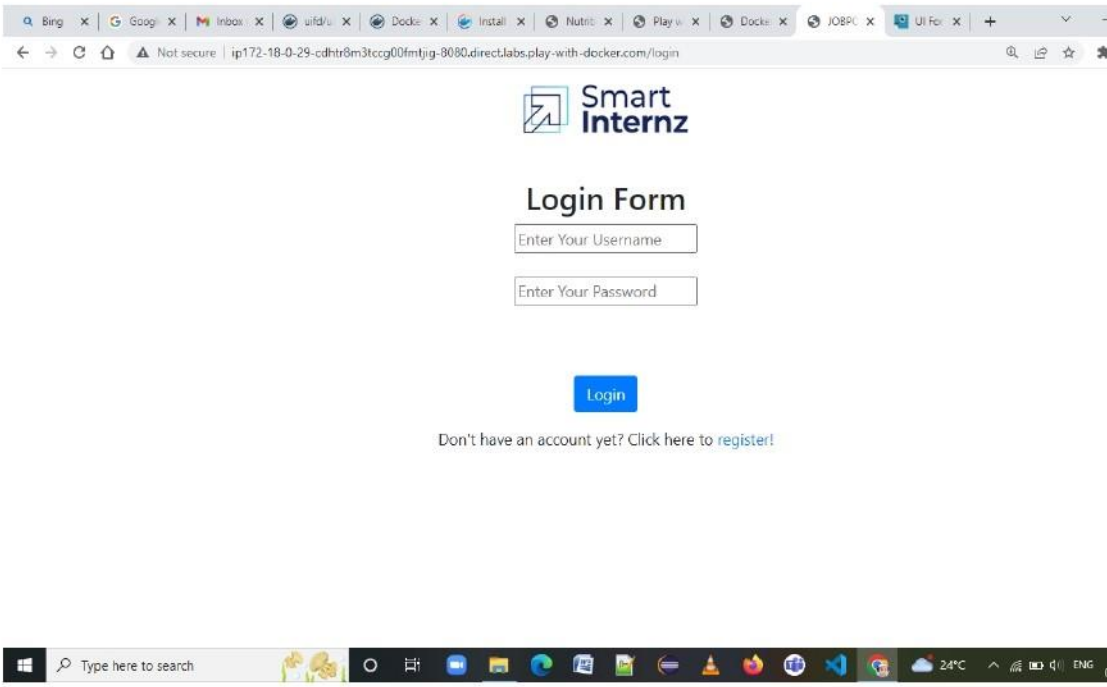
4. The output for jobportal application



5. The Register page for jobportal application



6.The login page of jobportal application screenshot is been attached below



3.Create a IBM container registry and deploy helloworld app or jobportalapp.

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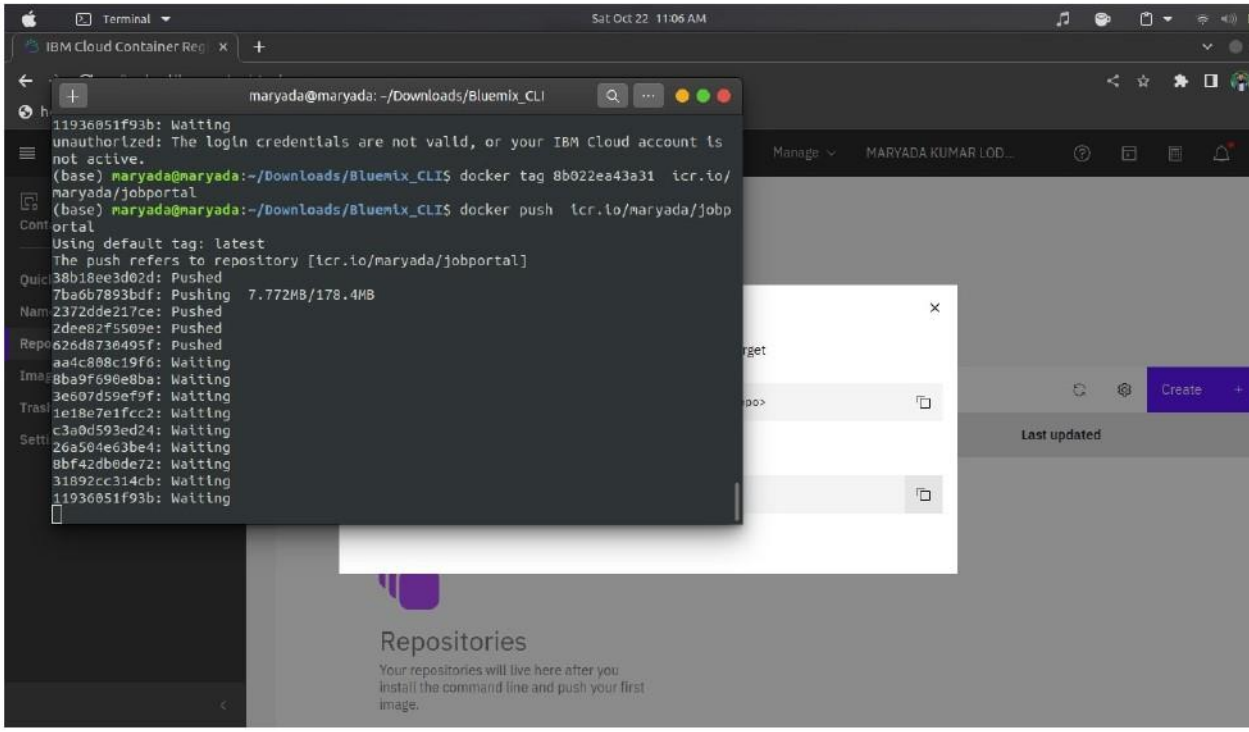
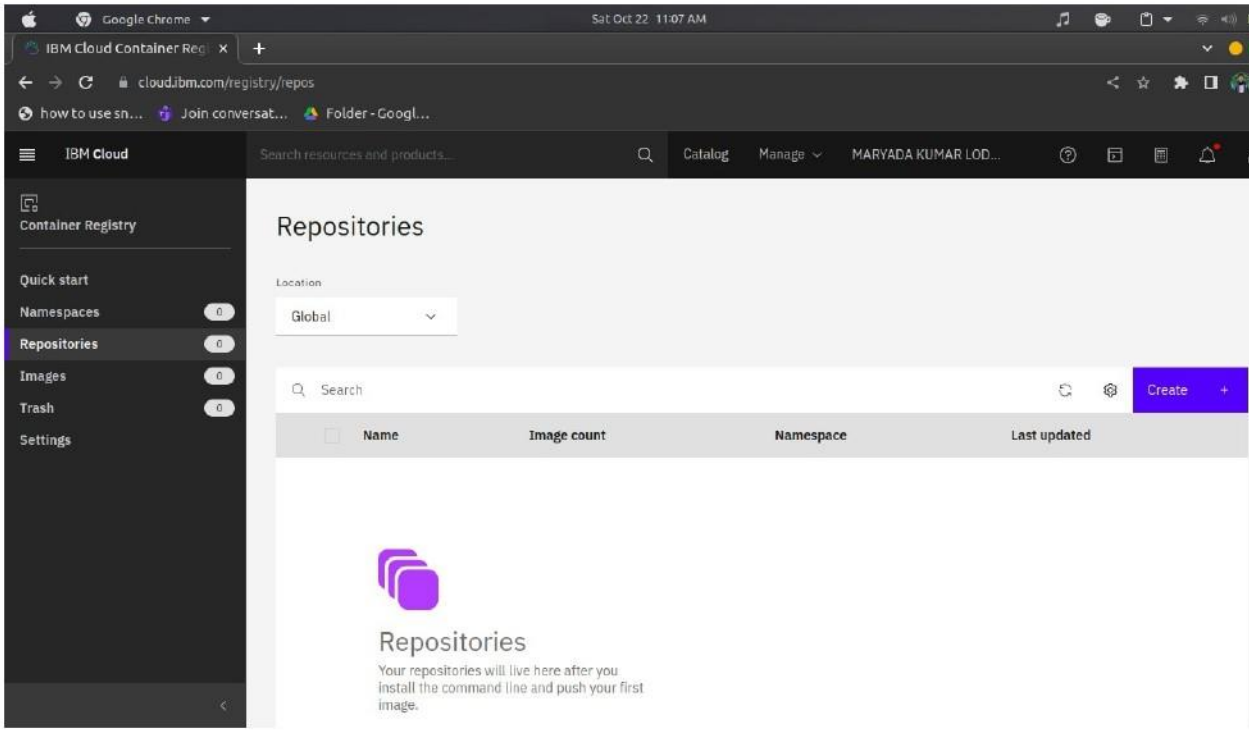
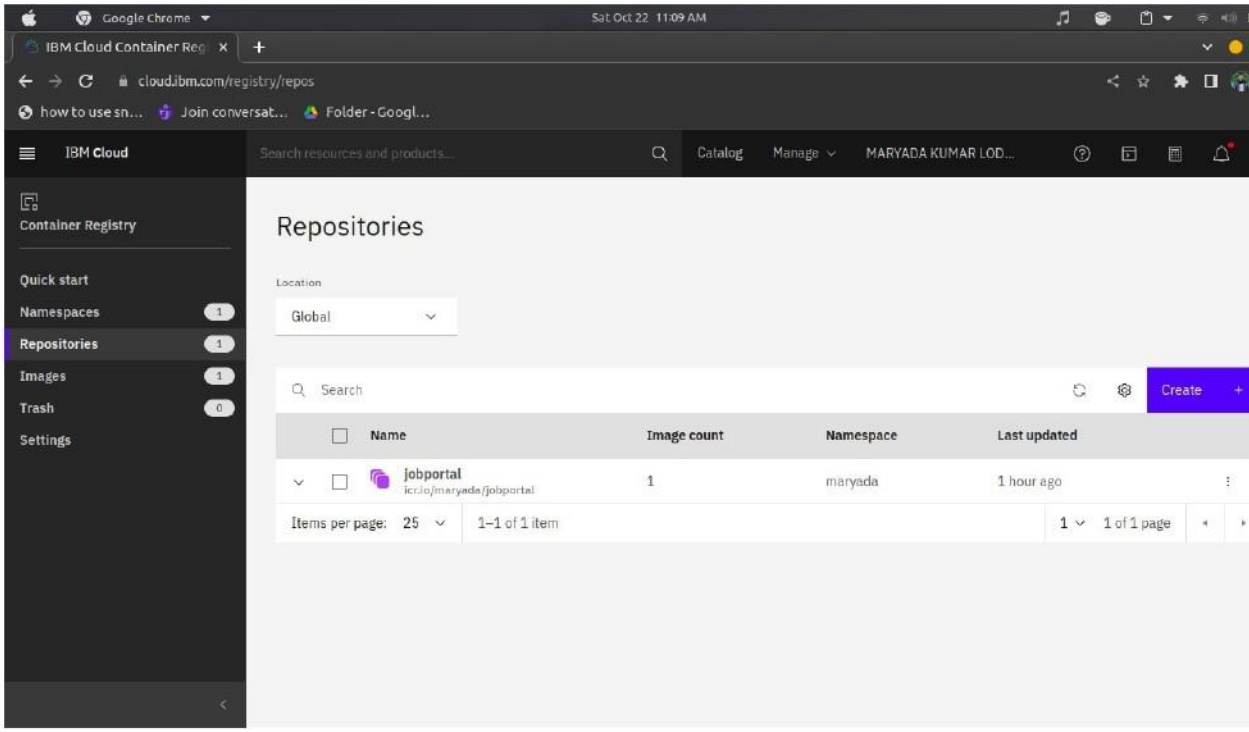
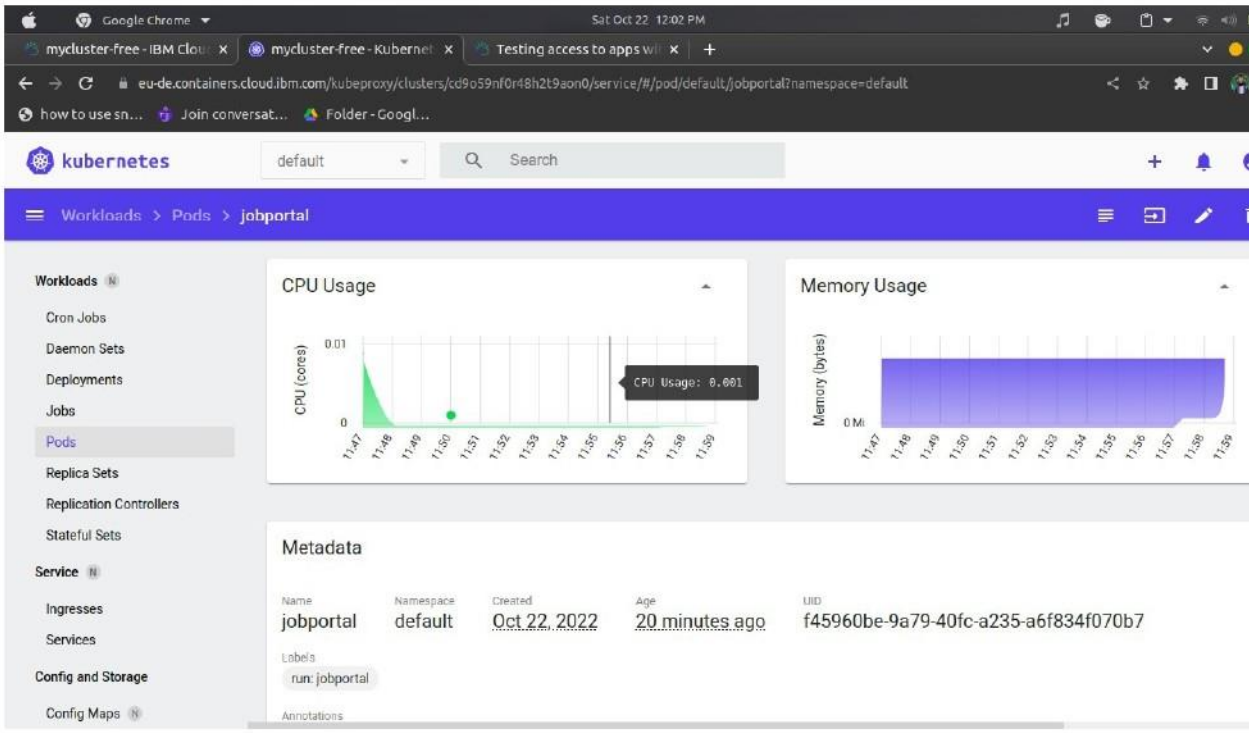
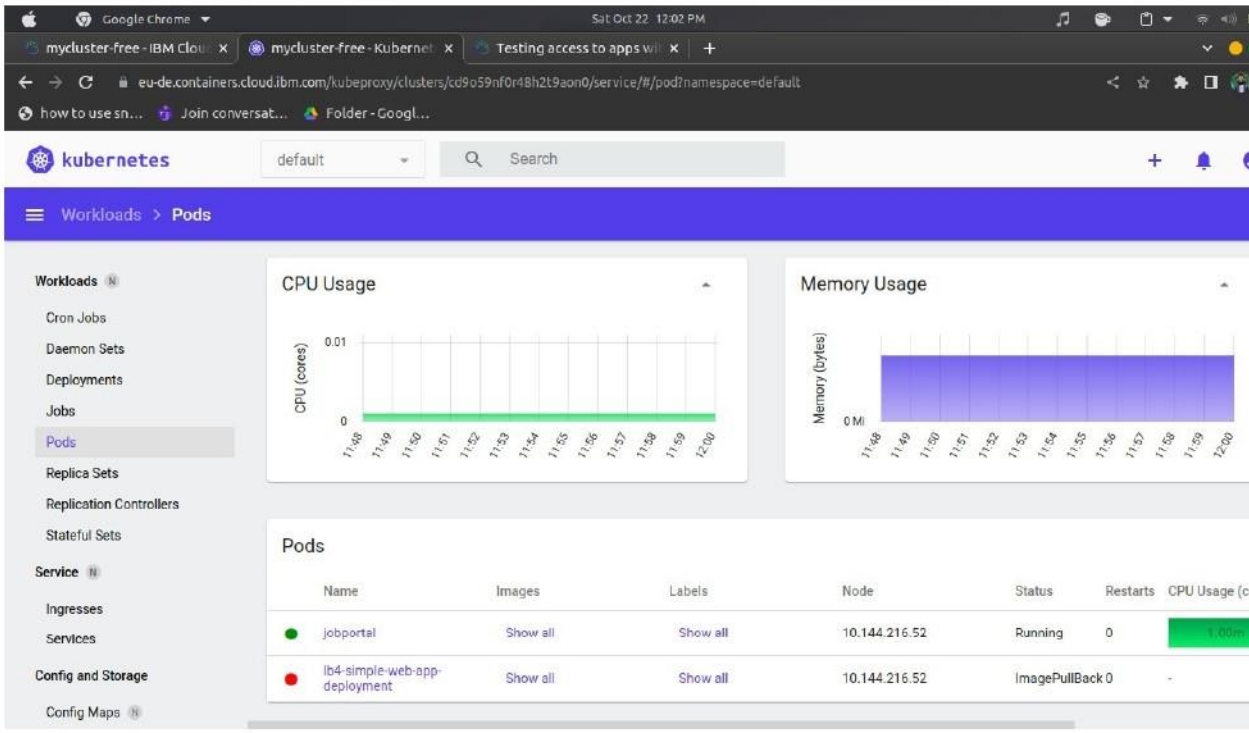






4. Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.




Google Chrome
Sat Oct 22 12:02 PM
mycluster-free - IBM Clou
mycluster-free - Kubernet
Testing access to apps wit
eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cd9o59nf0r4Bh2t9aon0/service/#/pod?namespace=default
how to use sn...
Join conversat...
Folder - Googl...
kubernetes
default
Search
Workloads > Pods
Workloads
Cron Jobs
Daemon Sets
Deployments
Jobs
Pods
Replica Sets
Replication Controllers
Stateful Sets
Service
Ingresses
Services
Config and Storage
Config Maps
CPU Usage
CPU (cores)
0.01
0
11:48 11:49 11:50 11:51 11:52 11:53 11:54 11:55 11:56 11:57 11:58 11:59 12:00
Memory Usage
Memory (bytes)
0 Mi
11:48 11:49 11:50 11:51 11:52 11:53 11:54 11:55 11:56 11:57 11:58 11:59 12:00
Pods
Name
Images
Labels
Node
Status
Restarts
CPU Usage (c
jobportal
Show all
Show all
10.144.216.52
Running
0
1.00m
lb4-simple-web-app-deployment
Show all
Show all
10.144.216.52
ImagePullBack
0
-