**Assignment - 4** Docker and Kubernetes

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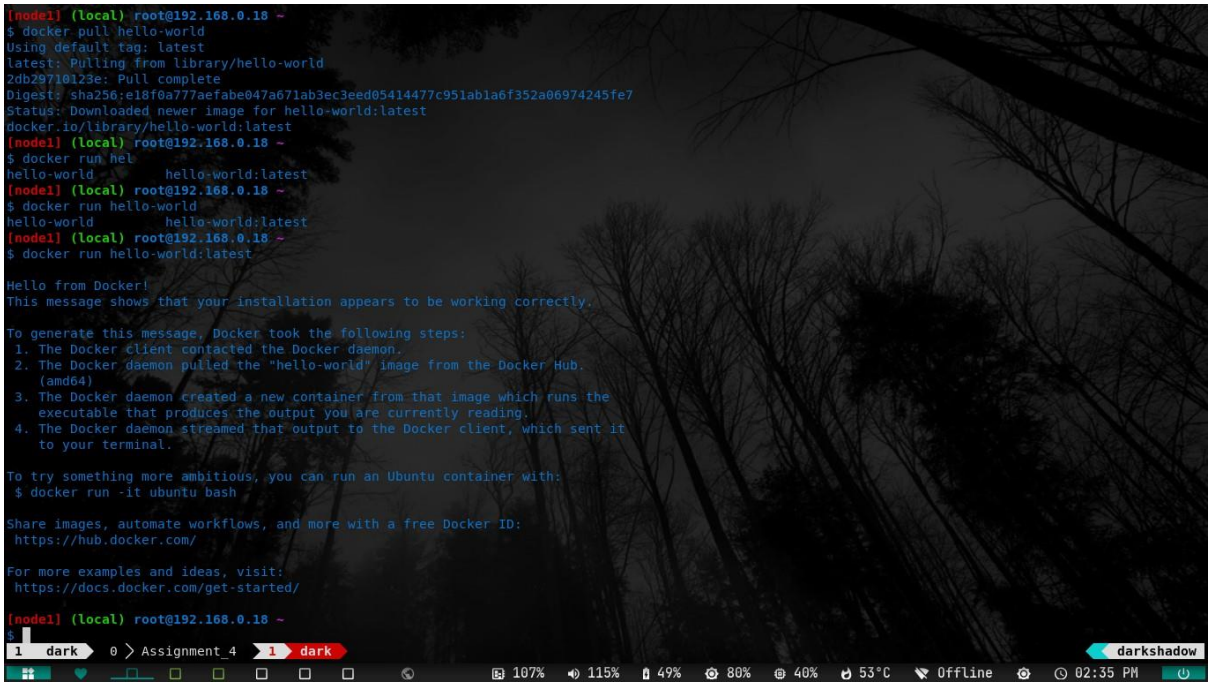
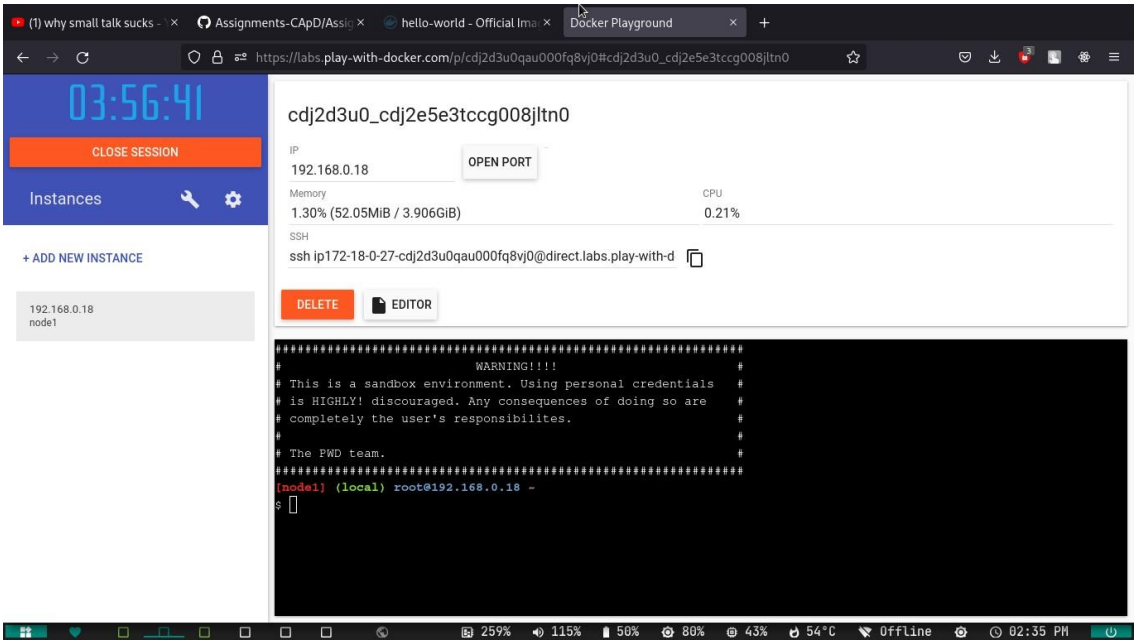
| Assignment Date | 30 october 2022 |
| Student Name | Reshma G |
| Student Roll Number | 410119104045 |
| Maximum Marks | 2 Marks |

**Question-1:**

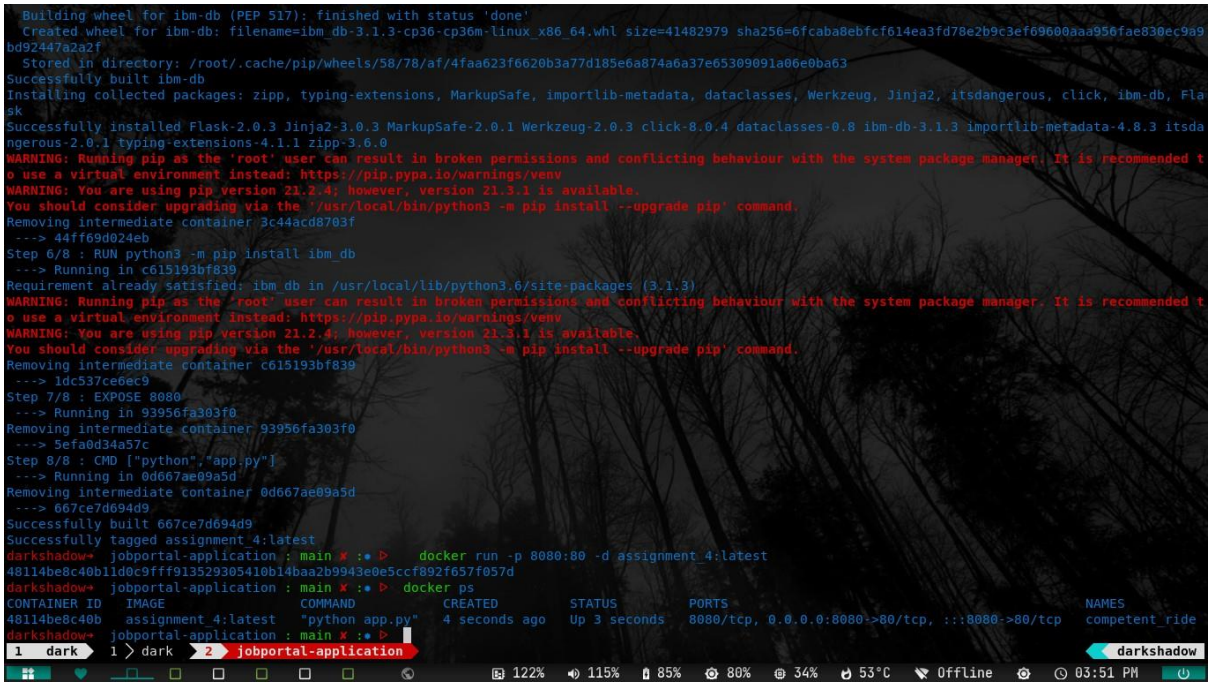
1.Pull an Image from docker hub and run it in docker playground.

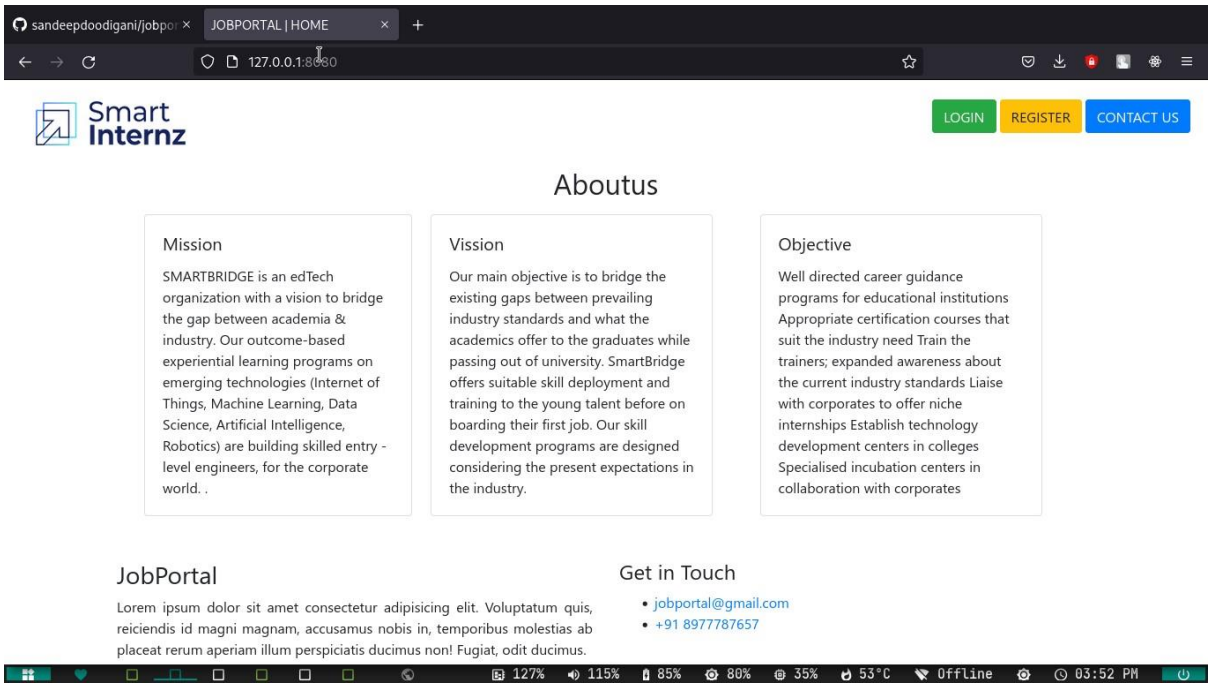



**Question-2:**

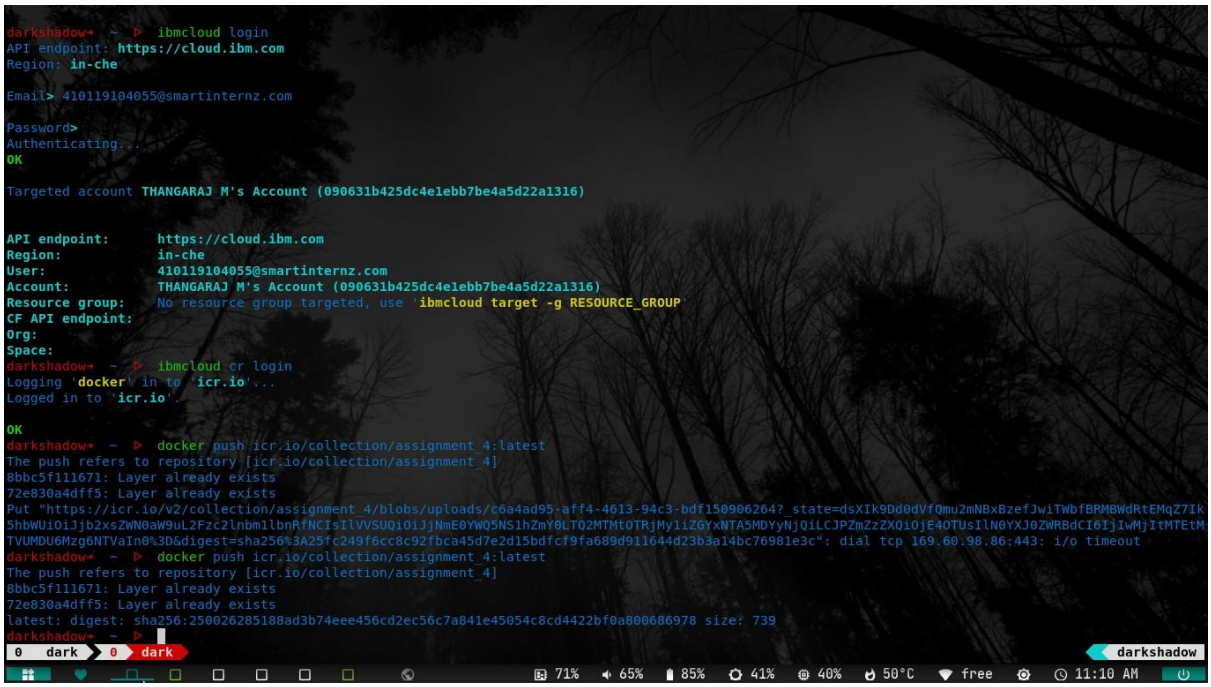
2.Create a docker file for the jobportal application and deploy it in Docker desktop application.

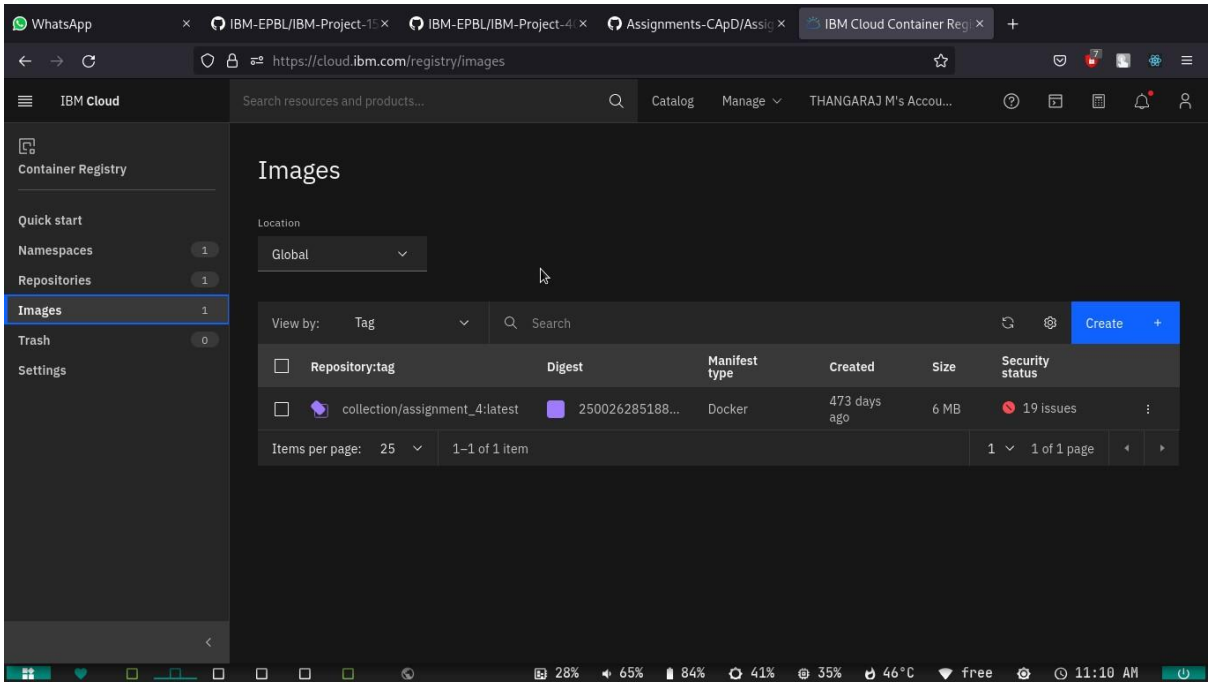



Question – 3

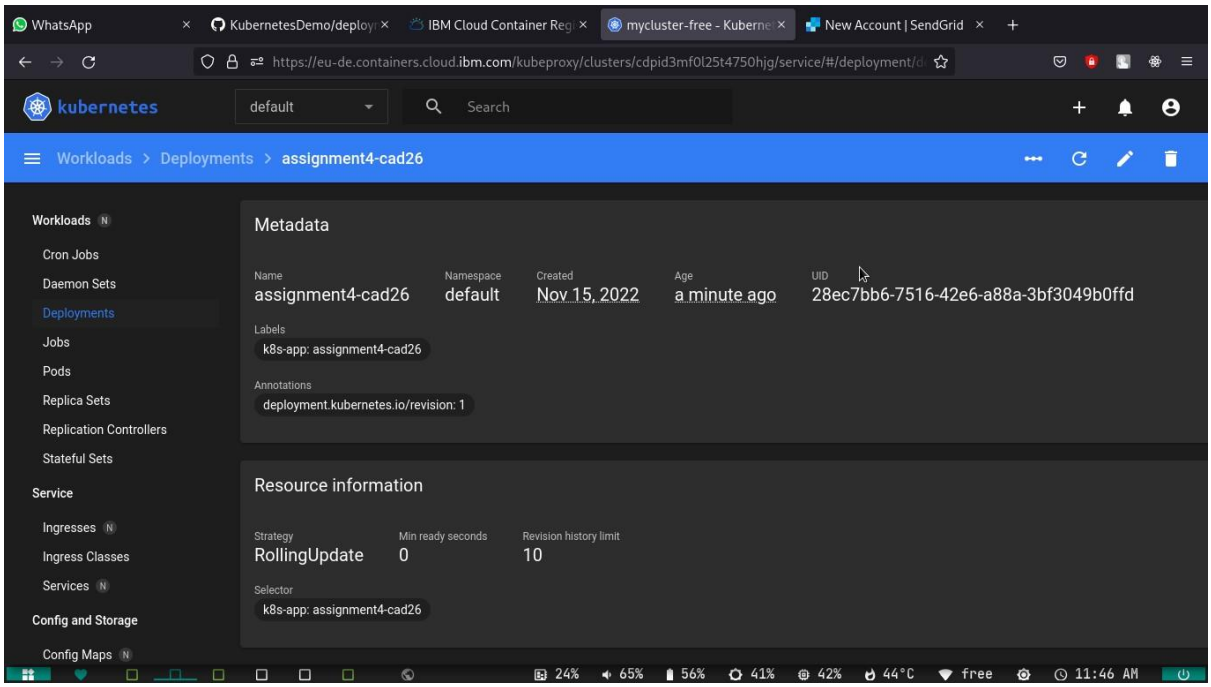
3.Create a IBM container registry and deploy helloworld app or jobportalapp.




Question -4

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.


WhatsApp
KubernetesDemo/deploy
IBM Cloud Container Reg
mycluster-free - Kuberne
New Account | SendGrid
https://eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdpid3mf0l25t4750hjg/service/#/deployment/
kubernetes
default
Search
Workloads > Deployments > assignment4-cad26
Workloads
Cron Jobs
Daemon Sets
Deployments
Jobs
Pods
Replica Sets
Replication Controllers
Stateful Sets
Service
Ingresses
Ingress Classes
Services
Config and Storage
Config Maps
Metadata
Name
assignment4-cad26
Namespace
default
Created
Nov 15, 2022
Age
a minute ago
UID
28ec7bb6-7516-42e6-a88a-3bf3049b0ffd
Labels
k8s-app: assignment4-cad26
Annotations
deployment.kubernetes.io/revision: 1
Resource information
Strategy
RollingUpdate
Min ready seconds
0
Revision history limit
10
Selector
k8s-app: assignment4-cad26
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