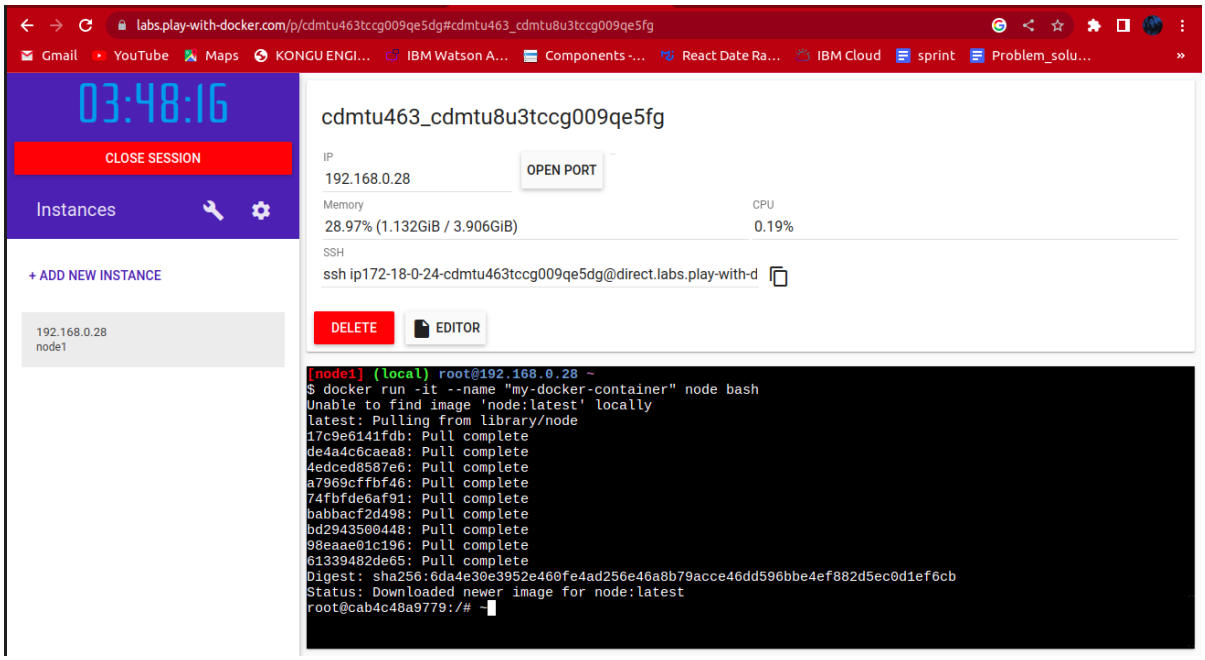
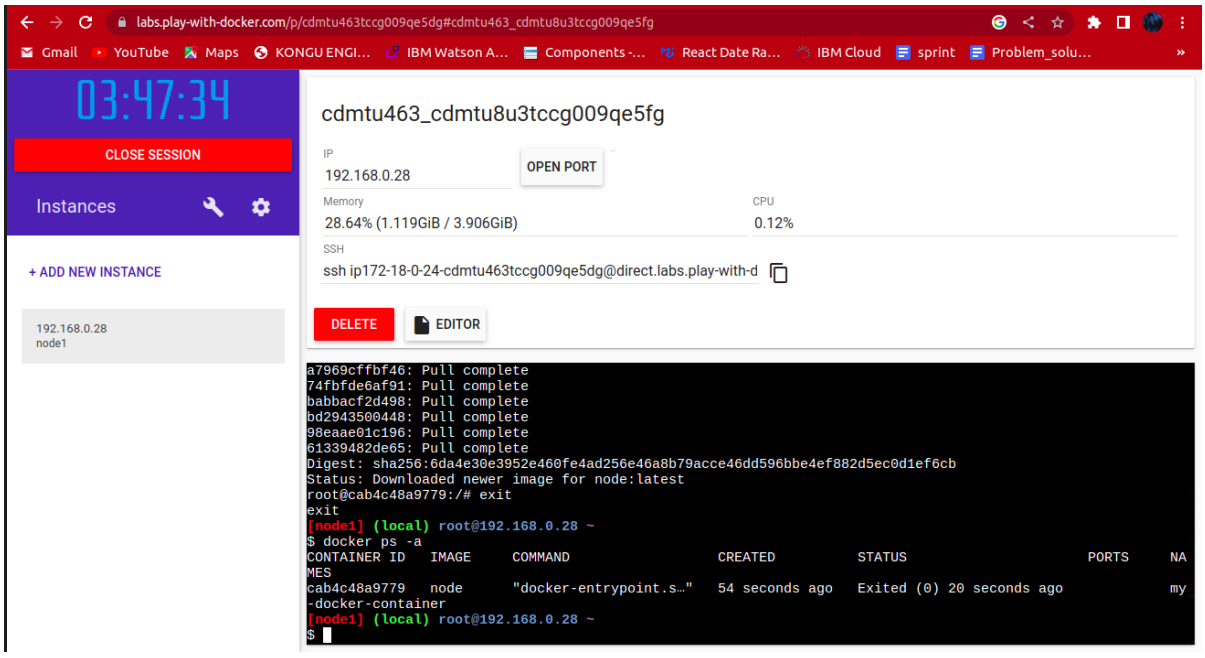
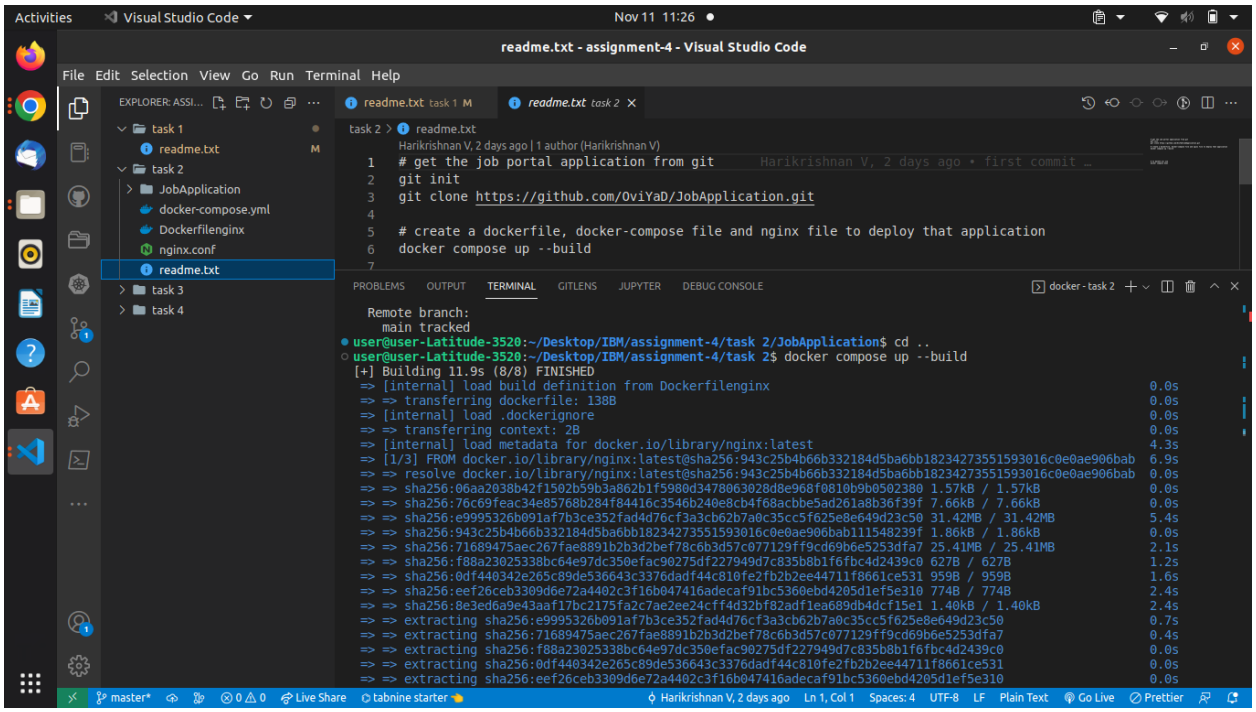
# ASSIGNMENT 4

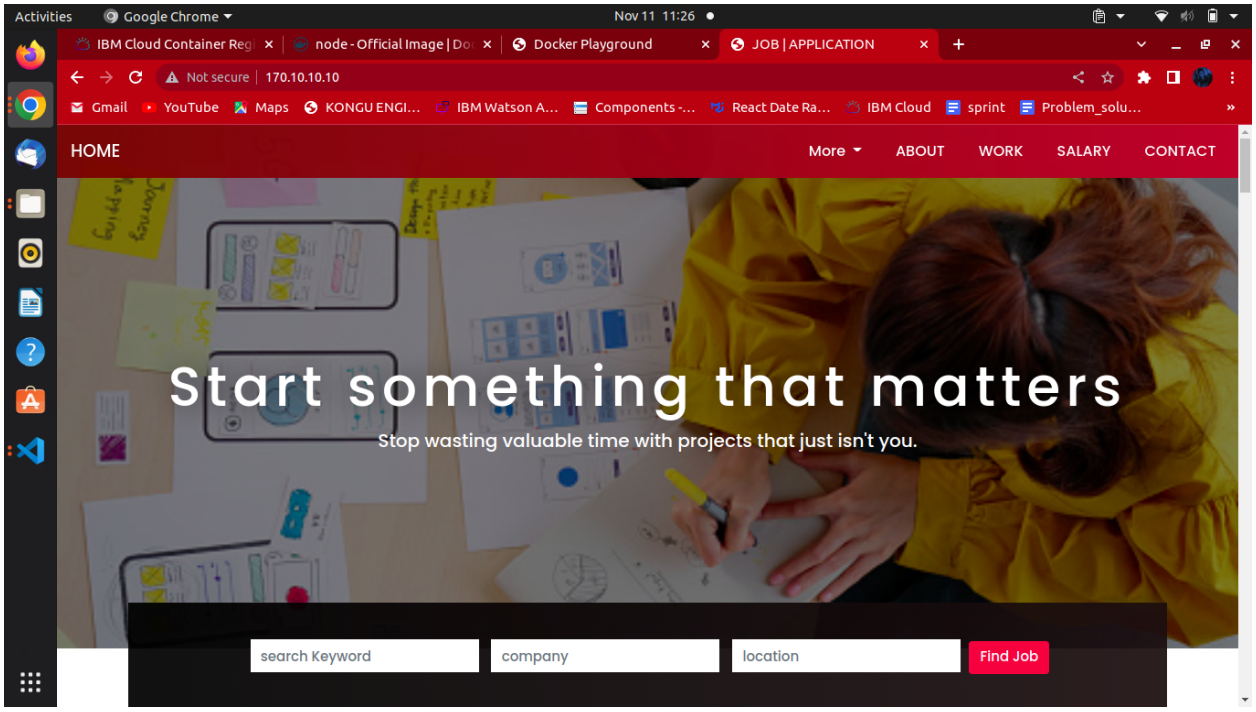
## 1.Pull an Image from docker hub and run it in docker playground.



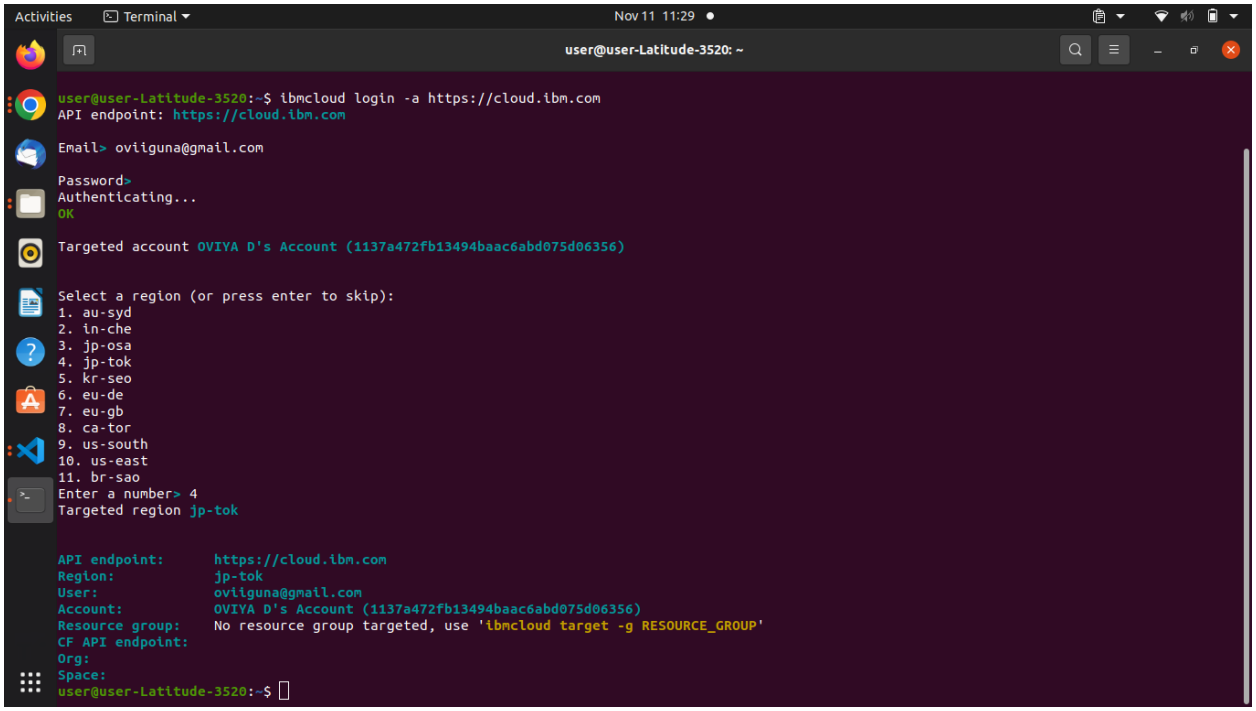



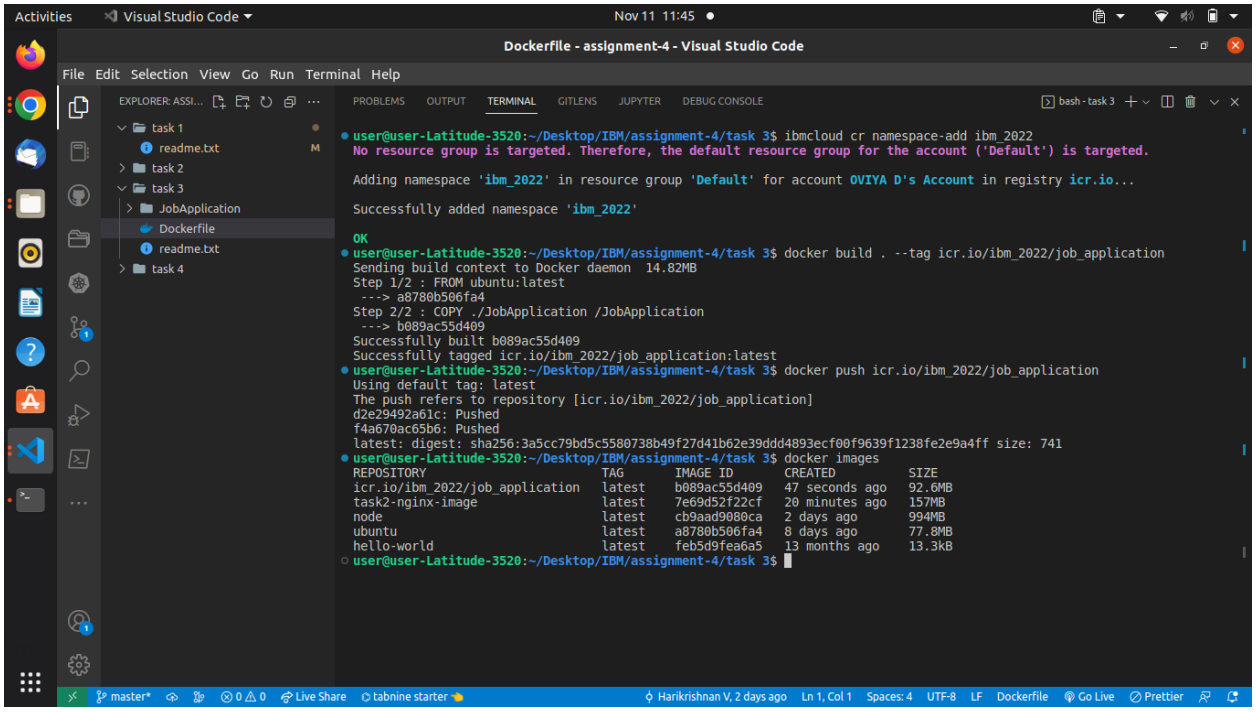
**2.Create a docker file for the jobportal application and deploy it in Docker desktop application.**



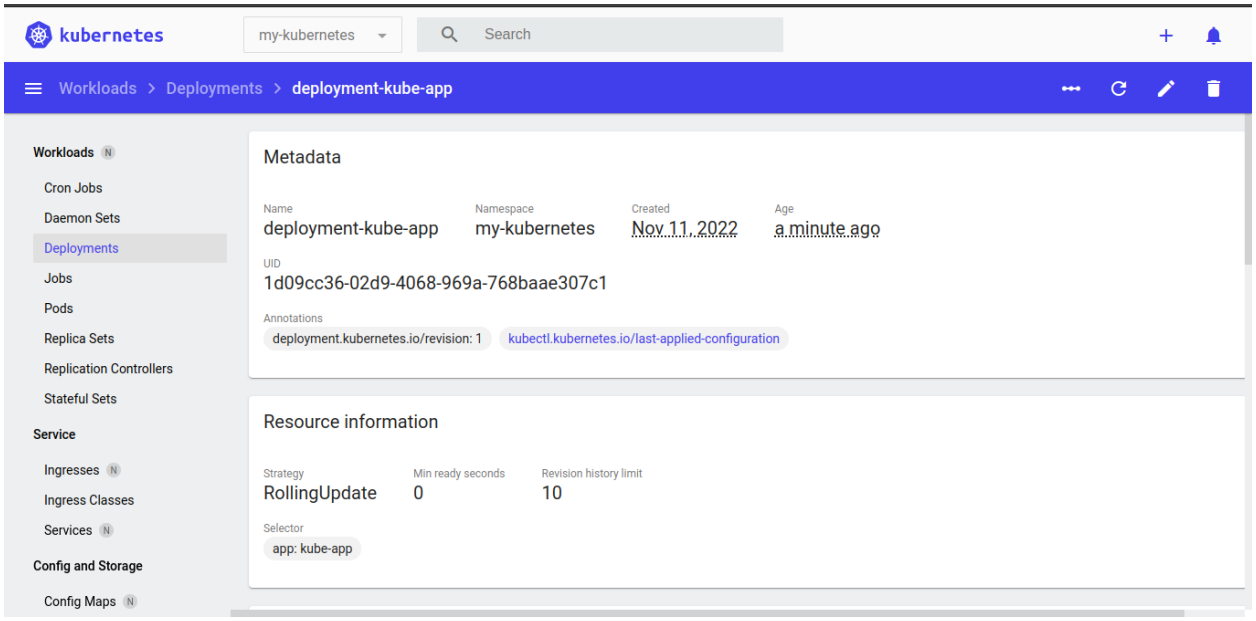



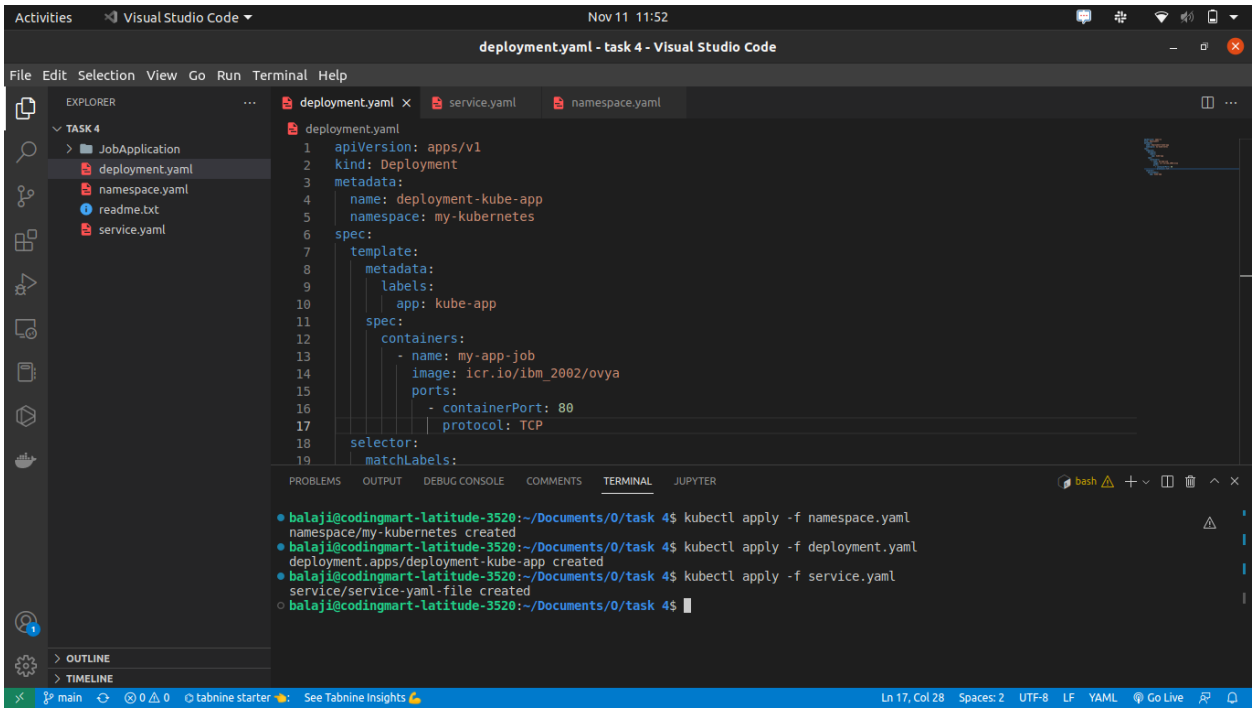
## 3.Create a IBM container registry and deploy helloworld app or jobportalapp.



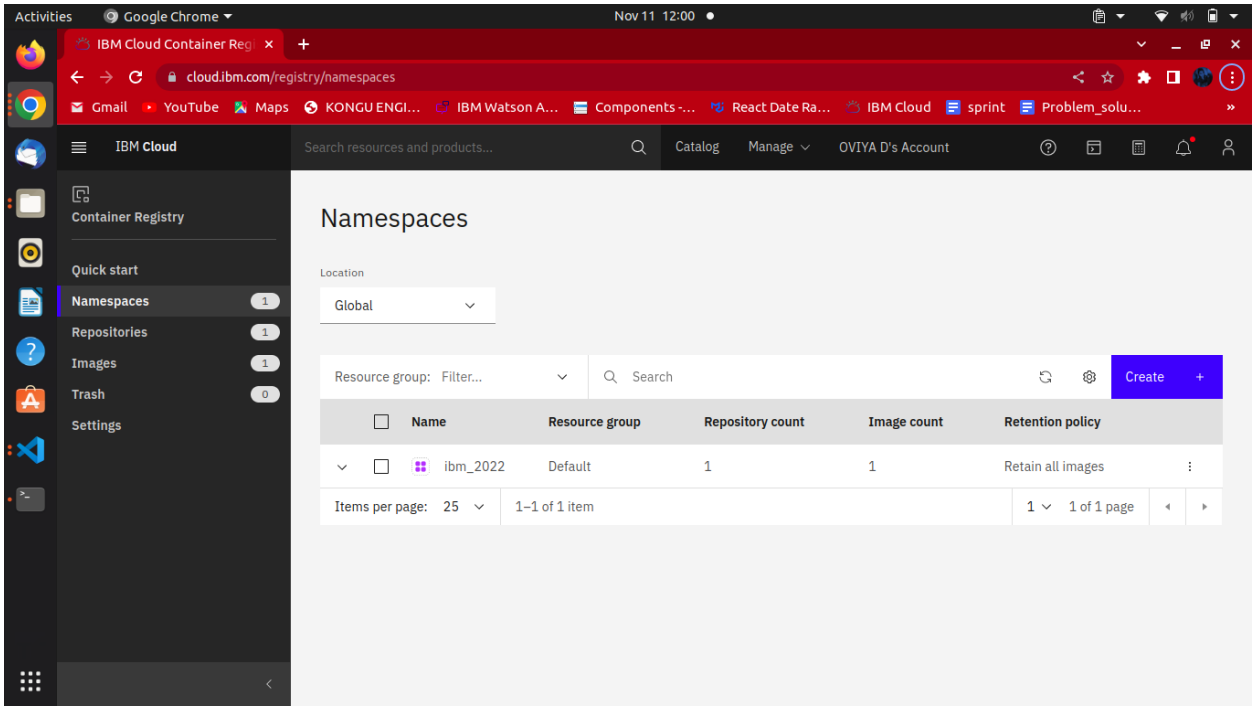



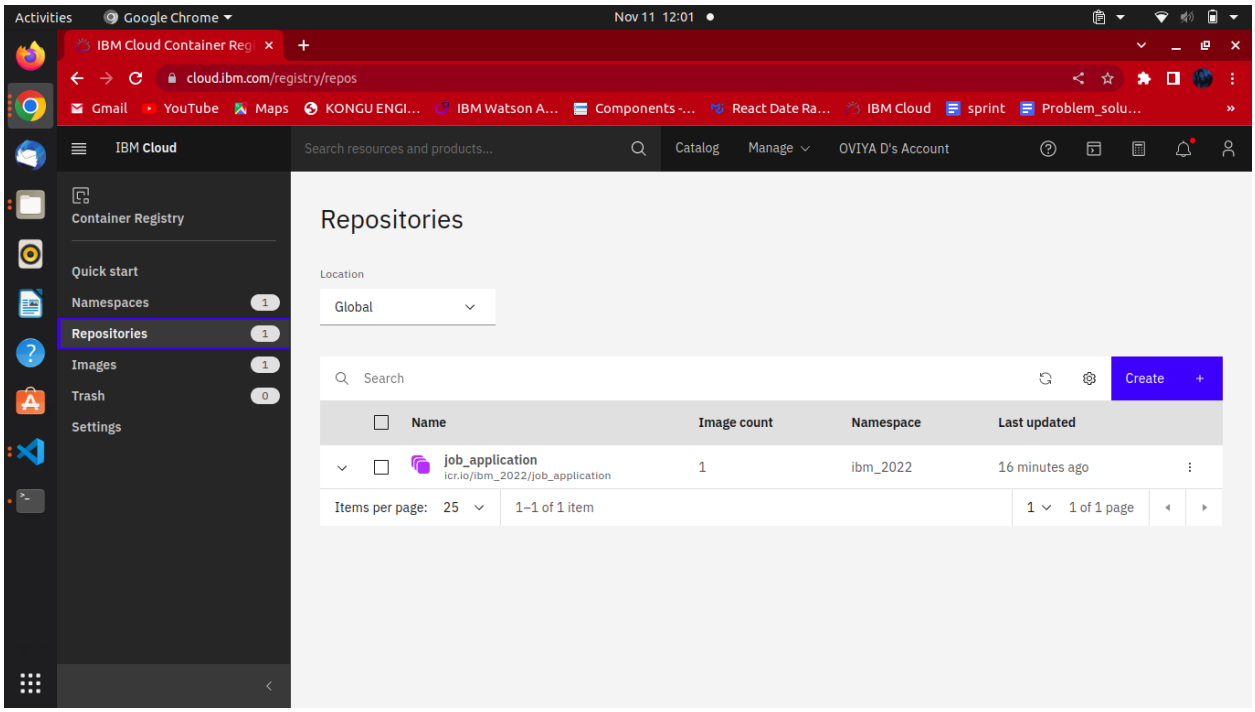
## 4.Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

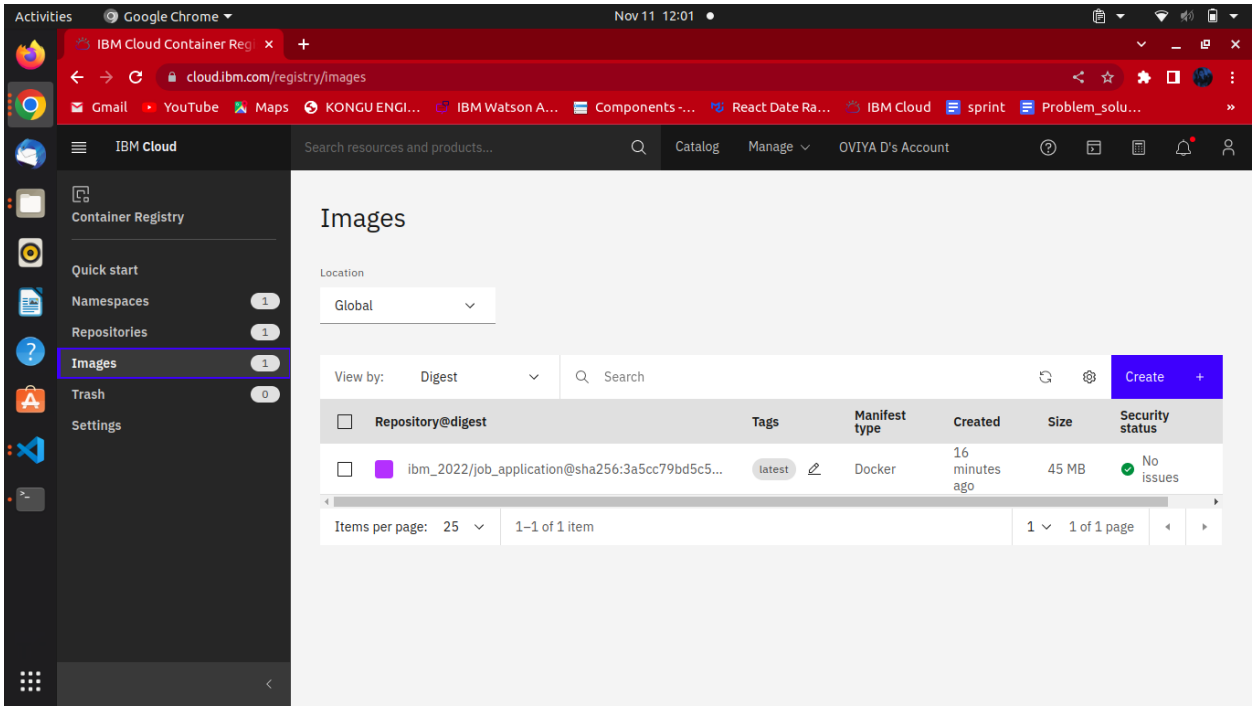



## IBM CLOUD CONTAINER REGISTRY


Activities
Google Chrome
Nov 11 12:00
IBM Cloud Container Reg
cloud.ibm.com/registry/namespaces
Gmail
YouTube
Maps
KONGU ENGI...
IBM Watson A...
Components -...
React Date Ra...
IBM Cloud
sprint
Problem_solu...
IBM Cloud
Search resources and products...
Catalog
Manage
OVIYA D's Account
Container Registry
Quick start
Namespaces 1
Repositories 1
Images 1
Trash 0
Settings
Namespaces
Location
Global
Resource group: Filter...
Search
Create
Name
Resource group
Repository count
Image count
Retention policy
ibm_2022
Default
1
1
Retain all images
Items per page: 25
1–1 of 1 item
1
1 of 1 page


Activities
Google Chrome
Nov 11 12:01
IBM Cloud Container Reg
cloud.ibm.com/registry/repos
Gmail
YouTube
Maps
KONGU ENGI...
IBM Watson A...
Components -...
React Date Ra...
IBM Cloud
sprint
Problem_solu...
IBM Cloud
Search resources and products...
Catalog
Manage
OVIYA D's Account
Container Registry
Quick start
Namespaces 1
Repositories 1
Images 1
Trash 0
Settings
Repositories
Location
Global
Search
Create
Name
Image count
Namespace
Last updated
job_application
icr.io/ibm_2022/job_application
1
ibm_2022
16 minutes ago
Items per page: 25
1–1 of 1 item
1
1 of 1 page


Activities
Google Chrome
Nov 11 12:01
IBM Cloud Container Reg
cloud.ibm.com/registry/images
Gmail
YouTube
Maps
KONGU ENGI...
IBM Watson A...
Components -...
React Date Ra...
IBM Cloud
sprint
Problem_solu...
IBM Cloud
Search resources and products...
Catalog
Manage
OVIYA D's Account
Container Registry
Quick start
Namespaces 1
Repositories 1
Images 1
Trash 0
Settings
Images
Location
Global
View by: Digest
Search
Create
Repository@digest
Tags
Manifest type
Created
Size
Security status
ibm_2022/job_application@sha256:3a5cc79bd5c5...
latest
Docker
16 minutes ago
45 MB
No issues
Items per page: 25
1–1 of 1 item
1 of 1 page