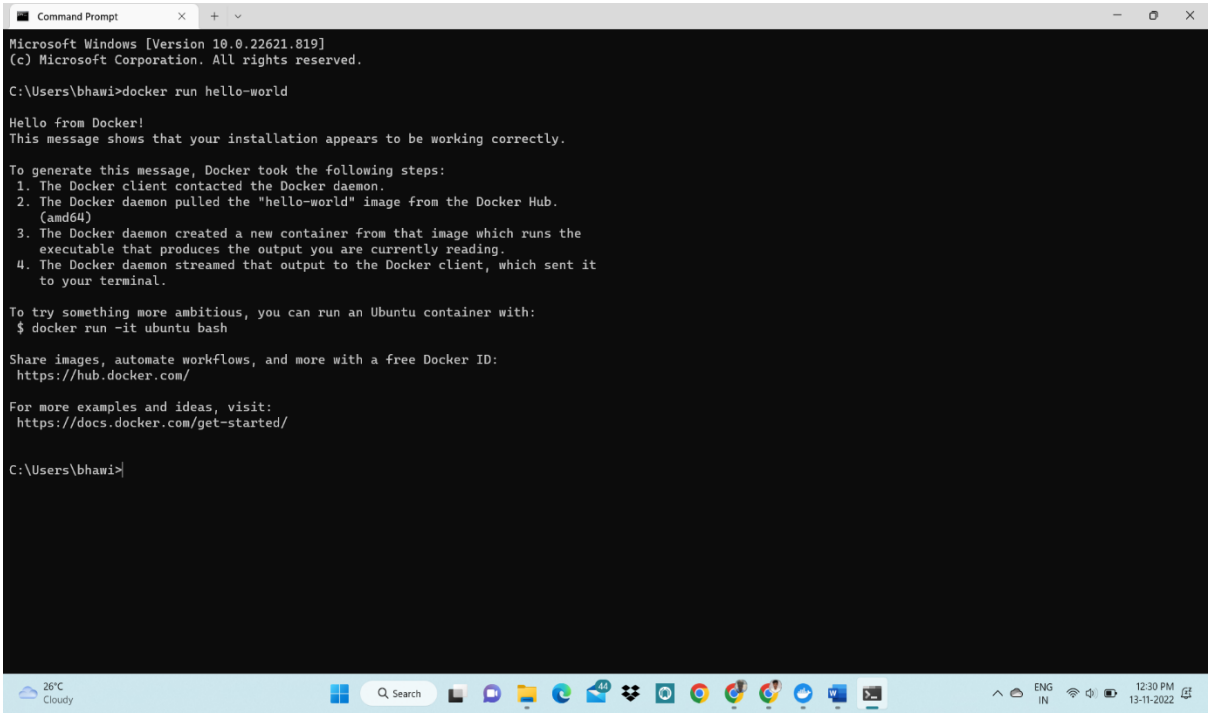
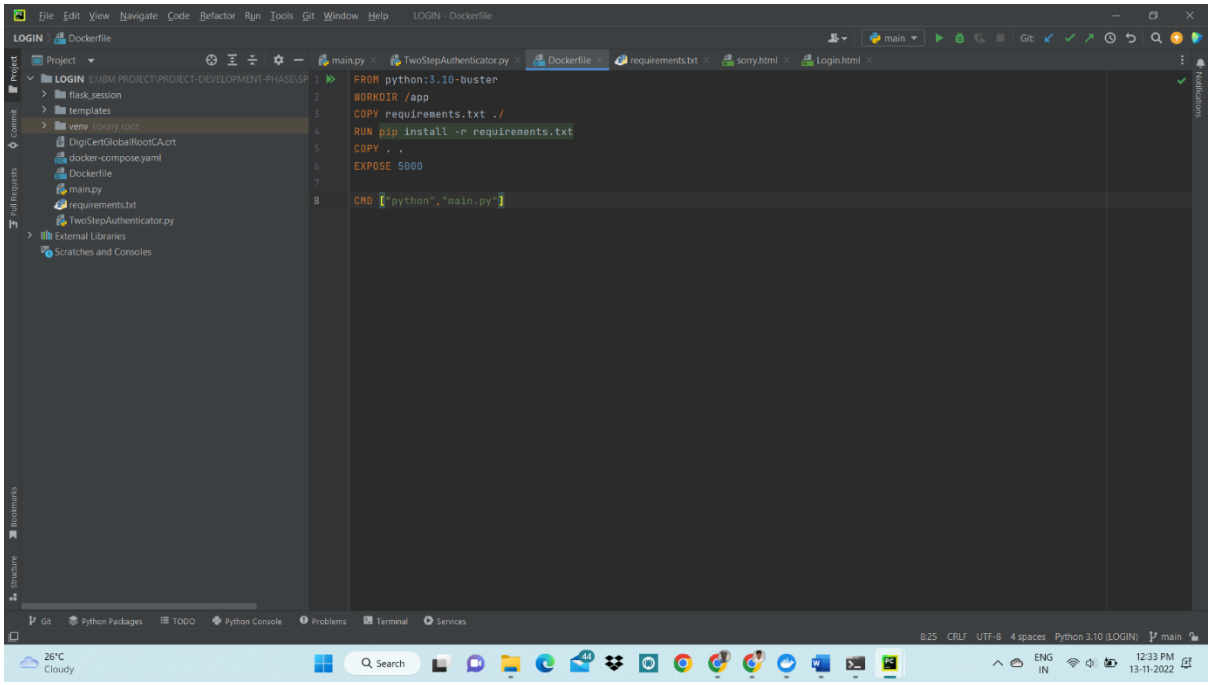
DEPLOYEMENT OF APP IN IBM-CLOUD

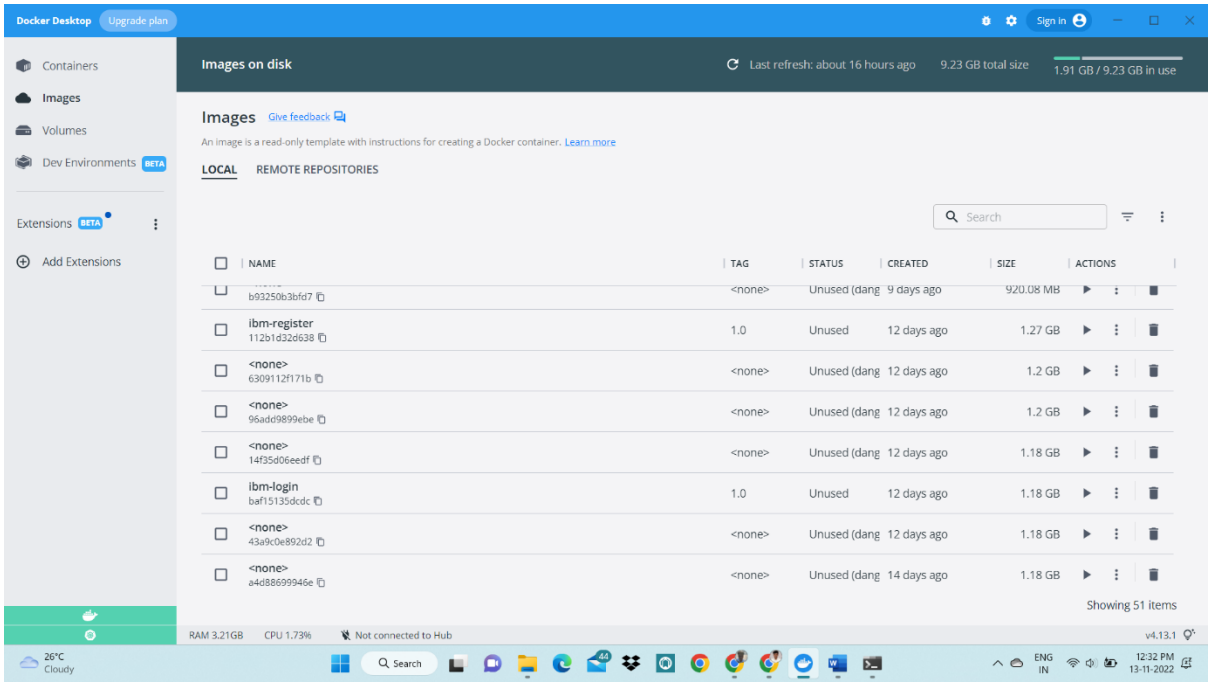
1.Pull an Image from docker hub and run it in docker playground.



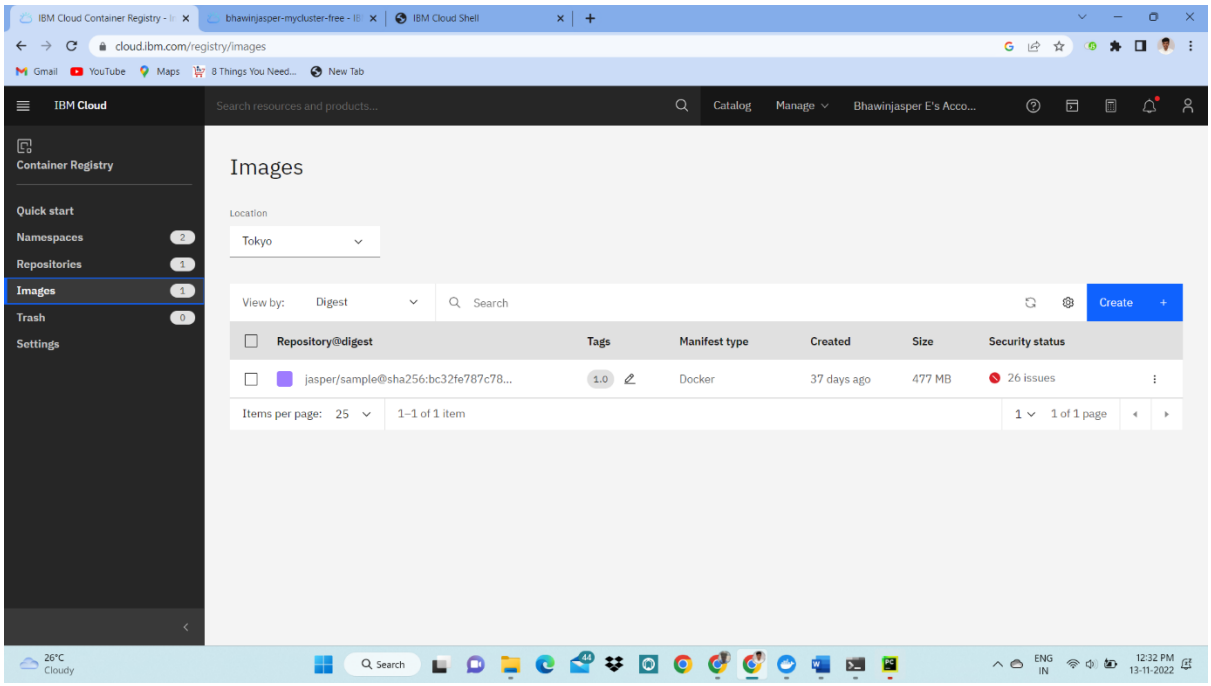
2.Create a docker file for the job portal application and deploy it in Docker desktop

application.

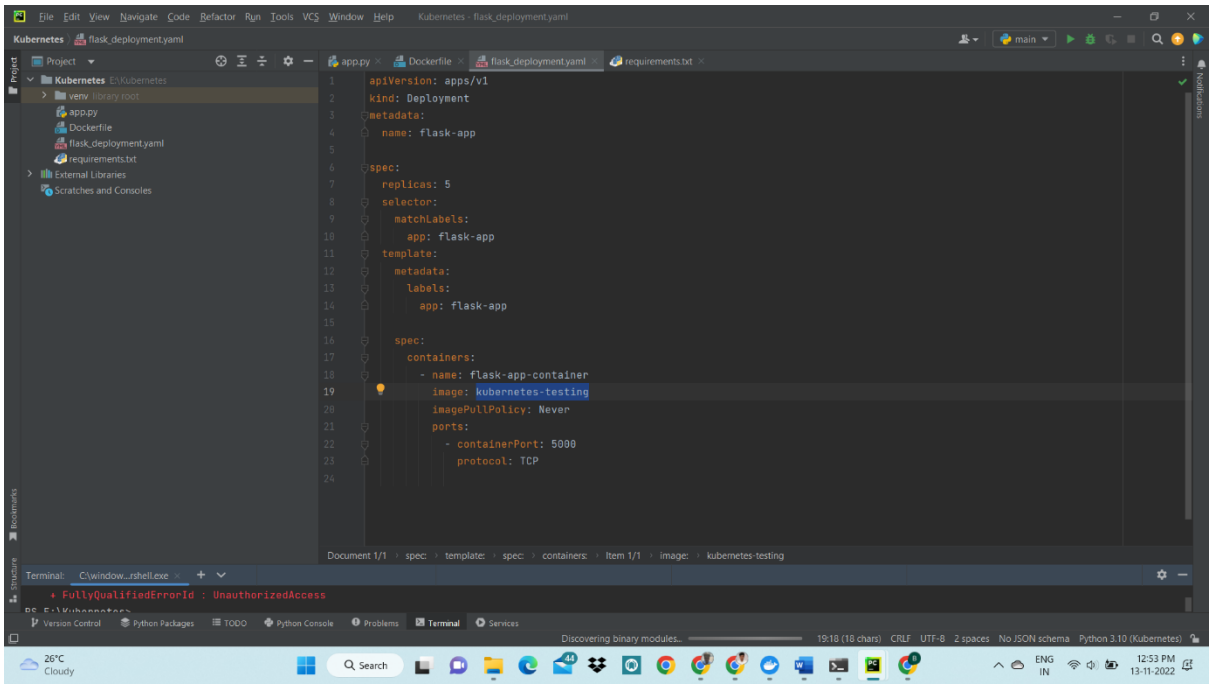


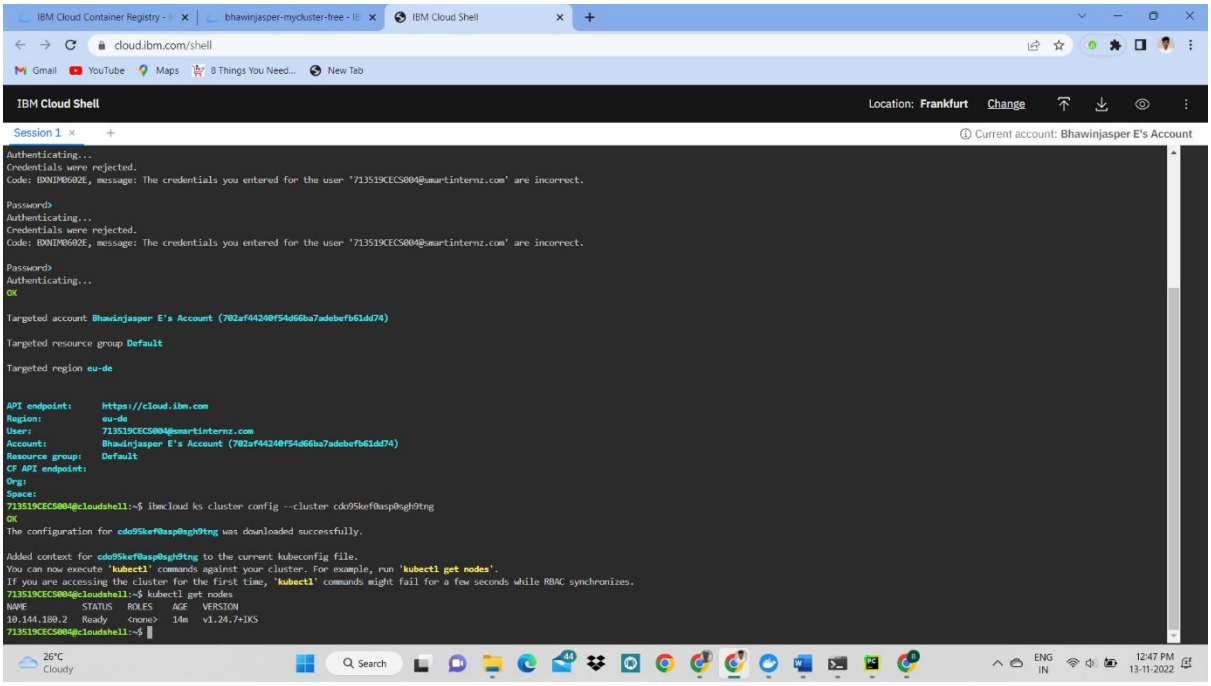


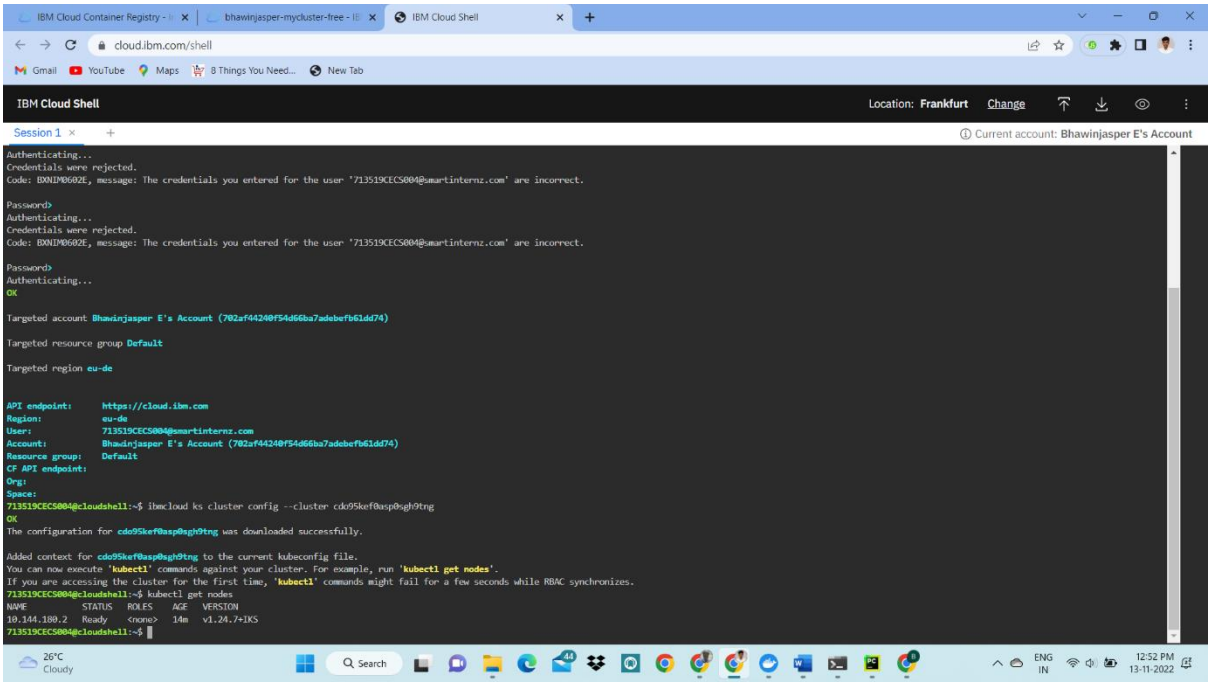
3.Create a IBM container registry and deploy hello world app or job portal app.



4.Create a Kubernetes cluster in IBM cloud and deploy hello world image or job portal image and also expose the same app to run in node port.




IBM Cloud Container Registry -
bhawinjasper-mycluster-free -
IBM Cloud Shell
cloud.ibm.com/shell
Gmail
YouTube
Maps
8 Things You Need...
New Tab
IBM Cloud Shell
Location: Frankfurt
Change
Session 1
Current account: Bhawinjasper E's Account
Authenticating...
Credentials were rejected.
Code: BXNIM0602E, message: The credentials you entered for the user '713519CECS004@smartinternz.com' are incorrect.
Password>
Authenticating...
Credentials were rejected.
Code: BXNIM0602E, message: The credentials you entered for the user '713519CECS004@smartinternz.com' are incorrect.
Password>
Authenticating...
OK
Targeted account Bhawinjasper E's Account (702af44240f54d66ba7adebefb61dd74)
Targeted resource group Default
Targeted region eu-de
API endpoint: https://cloud.ibm.com
Region: eu-de
User: 713519CECS004@smartinternz.com
Account: Bhawinjasper E's Account (702af44240f54d66ba7adebefb61dd74)
Resource group: Default
CF API endpoint:
Org:
Space:
713519CECS004@cloudshell:~$ ibmcloud ks cluster config --cluster cdo95kef0asp0sgh9tng
OK
The configuration for cdo95kef0asp0sgh9tng was downloaded successfully.
Added context for cdo95kef0asp0sgh9tng to the current kubeconfig file.
You can now execute 'kubectl' commands against your cluster. For example, run 'kubectl get nodes'.
If you are accessing the cluster for the first time, 'kubectl' commands might fail for a few seconds while RBAC synchronizes.
713519CECS004@cloudshell:~$ kubectl get nodes
NAME STATUS ROLES AGE VERSION
10.144.180.2 Ready <none> 14m v1.24.7+IKS
713519CECS004@cloudshell:~$
26°C
Cloudy
Search
ENG
IN
12:47 PM
13-11-2022


IBM Cloud Container Registry -
bhawinjasper-mycluster-free -
IBM Cloud Shell
cloud.ibm.com/shell
Gmail
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8 Things You Need...
New Tab
IBM Cloud Shell
Location: Frankfurt
Change
Session 1
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Code: BXNIM0602E, message: The credentials you entered for the user '713519CECS004@smartinternz.com' are incorrect.
Password>
Authenticating...
OK
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Targeted resource group Default
Targeted region eu-de
API endpoint: https://cloud.ibm.com
Region: eu-de
User: 713519CECS004@smartinternz.com
Account: Bhawinjasper E's Account (702af44240f54d66ba7adebefb61dd74)
Resource group: Default
CF API endpoint:
Org:
Space:
713519CECS004@cloudshell:~$ ibmcloud ks cluster config --cluster cdo95kef0asp0sgh9tng
OK
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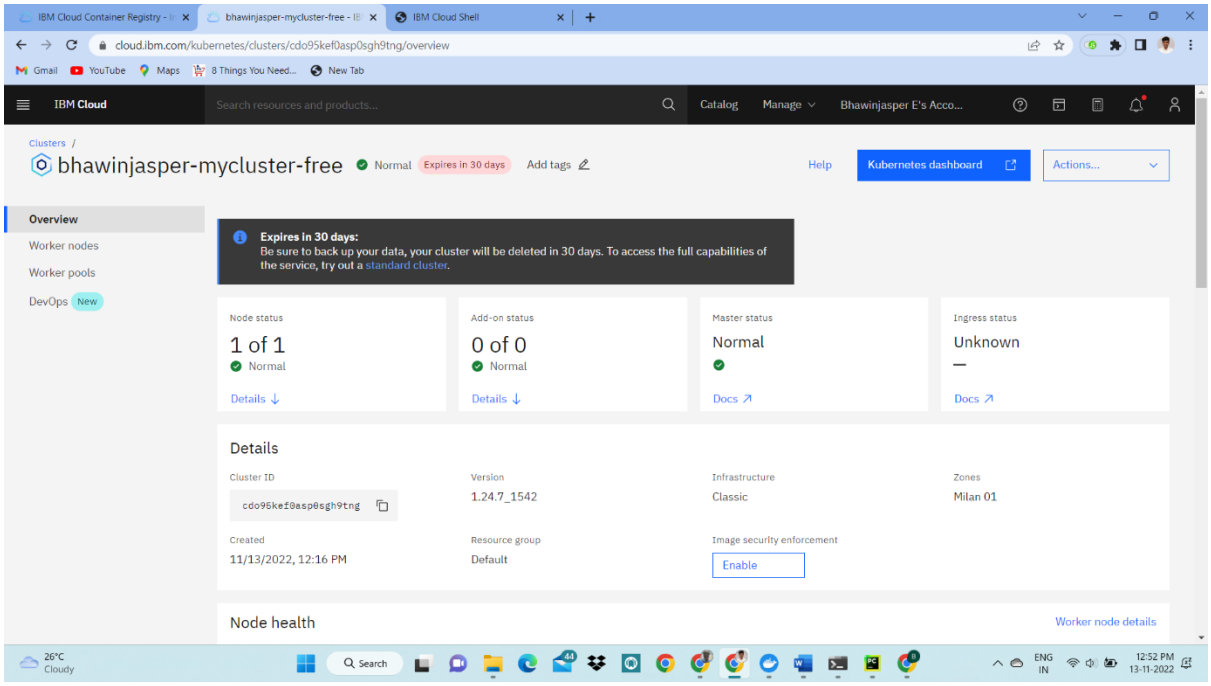
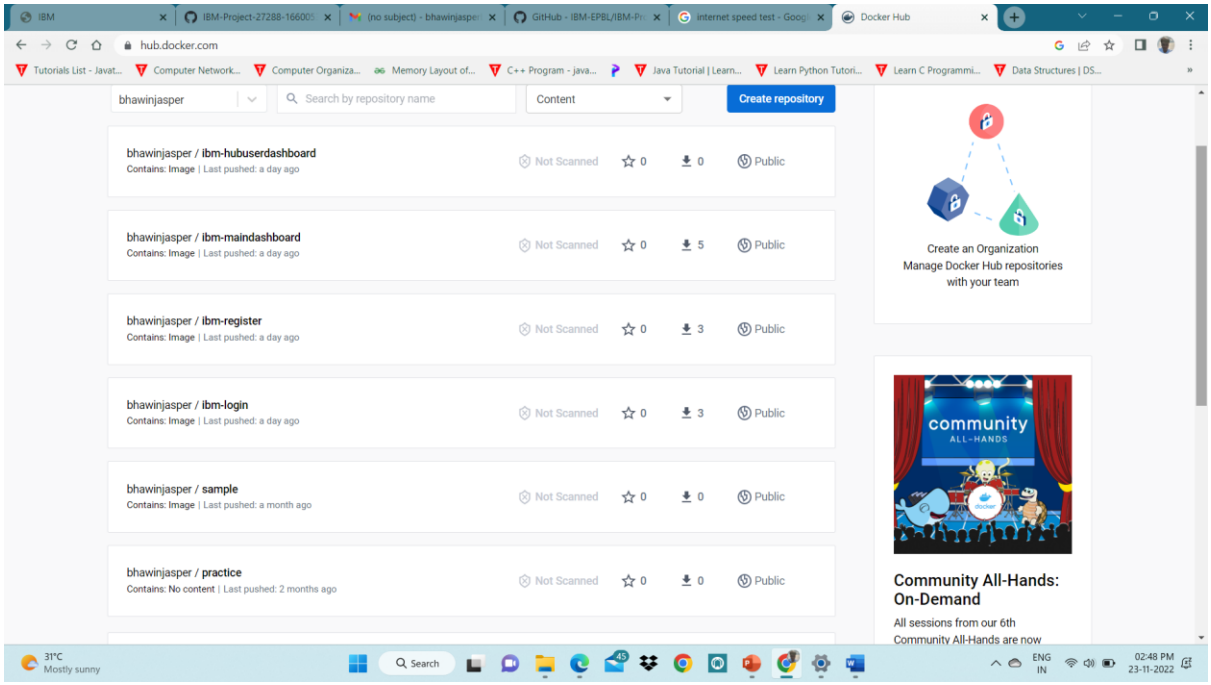
713519CECS004@cloudshell:~$ kubectl get nodes
NAME STATUS ROLES AGE VERSION
10.144.180.2 Ready <none> 14m v1.24.7+IKS
713519CECS004@cloudshell:~$
26°C
Cloudy
Search
ENG
IN
12:52 PM
13-11-2022



Docker image for Inventory Management system:



Docker Image Pull Command for Login Page: docker pull bhawinjasper/ibm-login

Docker Image Pull Command for Register Page: docker pull bhawinjasper/ibm-register

Docker Image Pull Command for MainDashBoard Page: docker pull bhawinjasper/ibm-maindashboard

Docker Image Pull Command for Hubuser DashBoard Page: docker pull bhawinjasper/ibm-hubuserdashboard