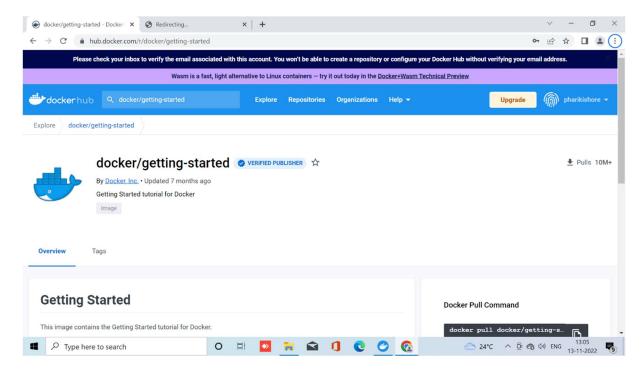
Assignment-4(P. HARIKISHORE-910019106013)

TASK-1) Pull an image from dockerhub and run it in Docker Playground

PULL AN IMAGE FROM DOCKER HUB VIA COPIYING COMMAND



PASTE AND RUN THE COMMAND IN CMD TO PULL THE IMAGE

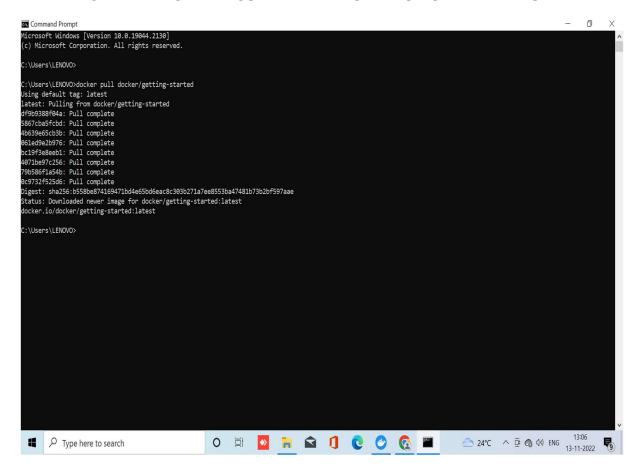
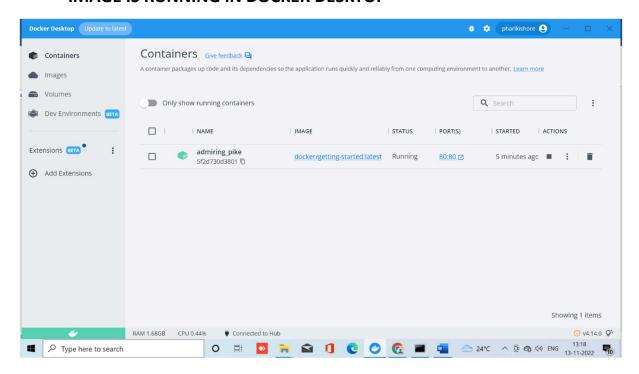
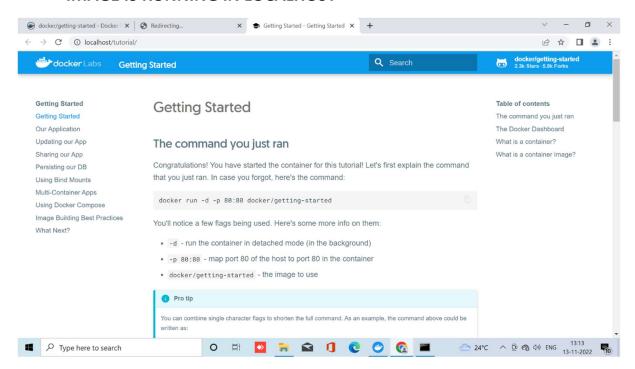


IMAGE IS RUNNING IN DOCKER DESKTOP



• IMAGE IS RUNNING IN LOCALHOST

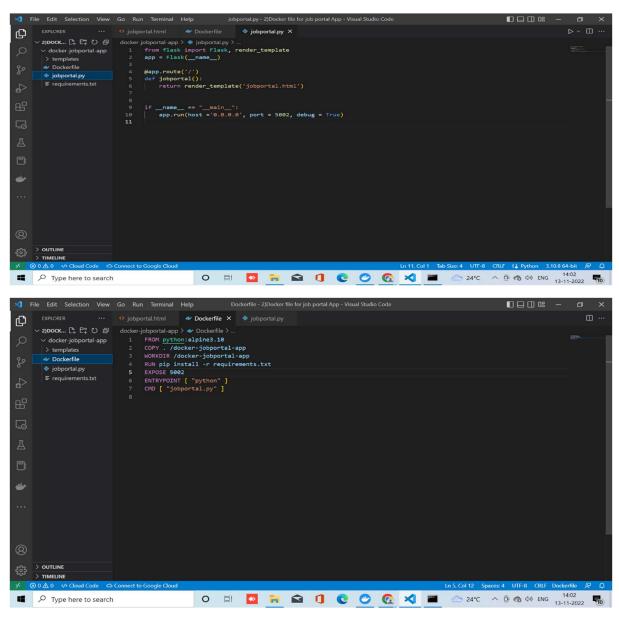


TASK-1 SUCCESSFULLY COMPLETED!

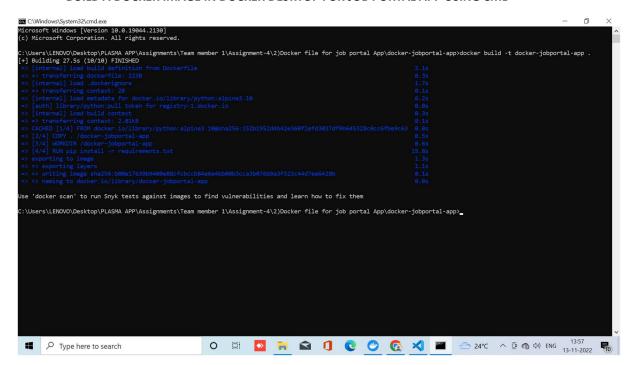
Assignment-4(P.HARIKISHORE-910019106013)

TASK-2) Create a Dockerfile for job portal app and deploy it in docker desktop

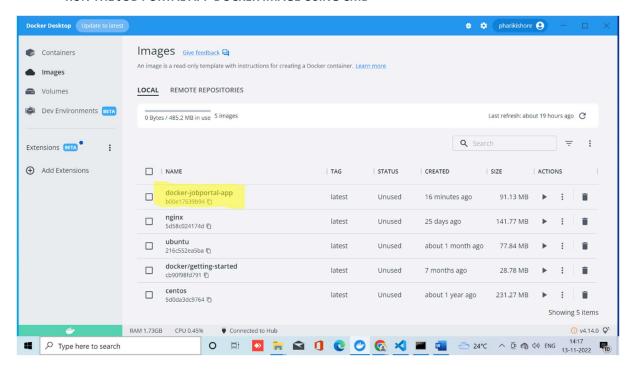
• CREATE A FLASK APP FOR JOB PORTAL AND ADD DOCKER FILE AND NECESSARY REQUIREMENTS



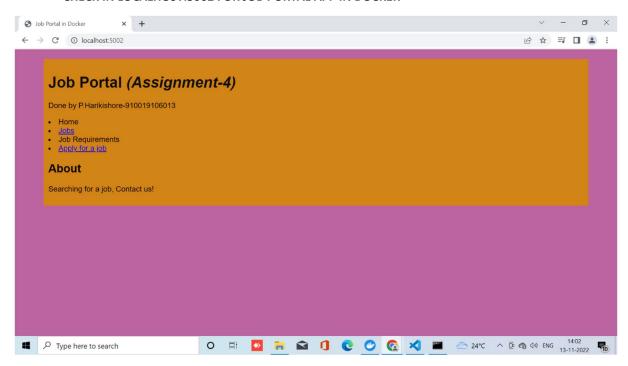
BUILD A DOCKER IMAGE IN DOCKER DESKTOP FOR JOB PORTAL APP USING CMD



RUN THE JOB PORTAL APP DOCKER IMAGE USING CMD



• CHECK IN LOCALHOST:5002 FOR JOB PORTAL APP IN DOCKER

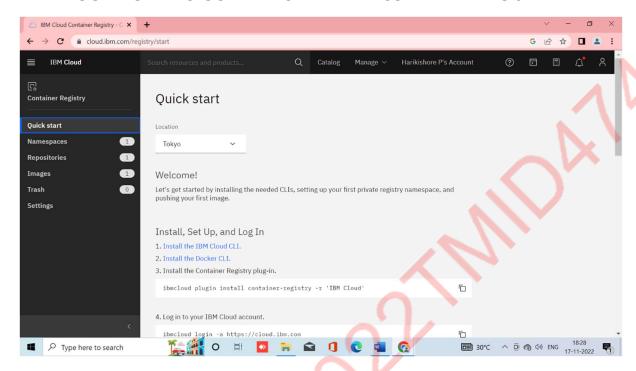


TASK-2 COMPLETED SUCCESSFULLY!

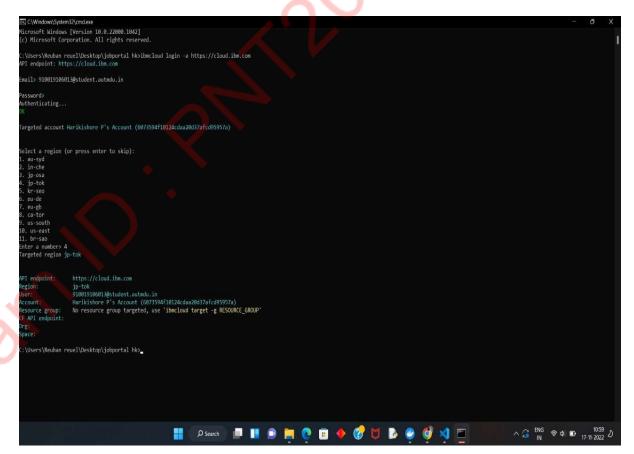
Assignment-4(P.HARIKISHORE-910019106013)

TASK-3) Push the Docker image for job portal app to IBM Container Registry

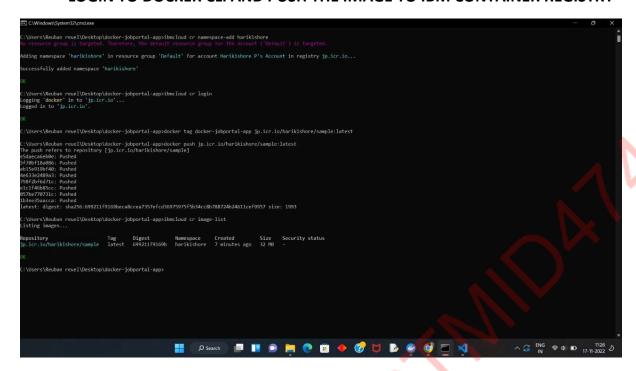
LOGIN TO IBM CLOUD AND CREATE IBM CONTAINER REGISTRY



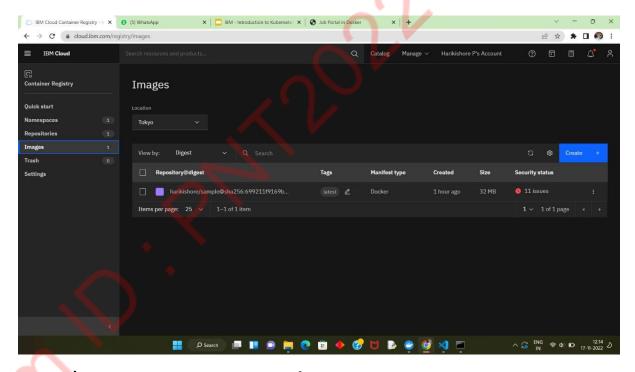
LOGIN TO IBM CLOUD CLI USING CMD



LOGIN TO DOCKER CLI AND PUSH THE IMAGE TO IBM CONTAINER REGISTRY



OUTPUT IN IBM CONTAINER REGISTRY

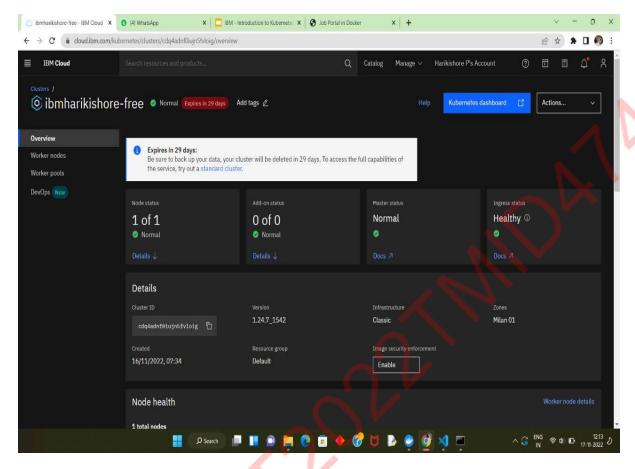


TASK-3) COMPLETED SUCCESSFULLY!

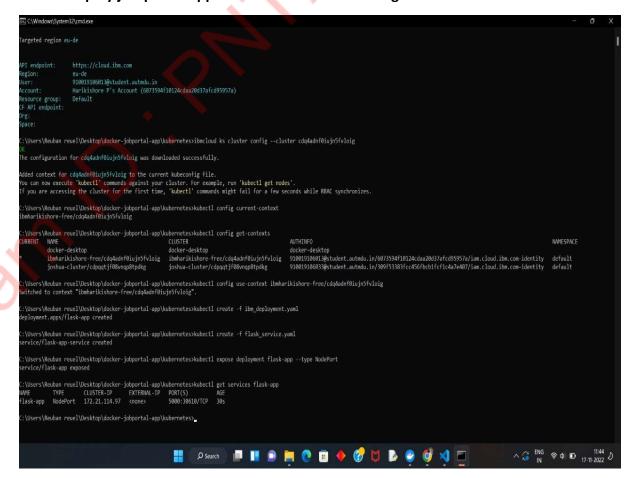
Assignment-4(P.HARIKISHORE-910019106013)

TASK-4): Create Kubernetes cluster in IBM cloud and deploy job portal app in Kubernetes cluster

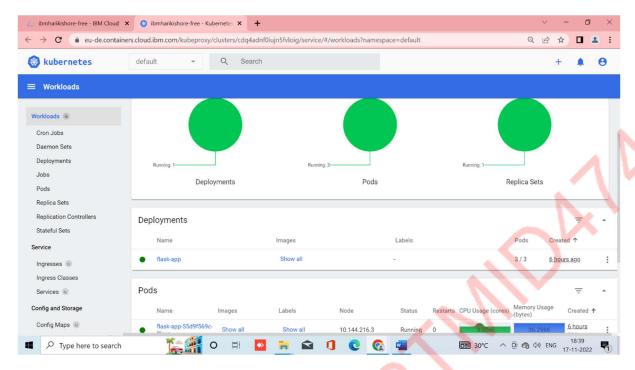
• Create Kubernetes Cluster in IBM Cloud



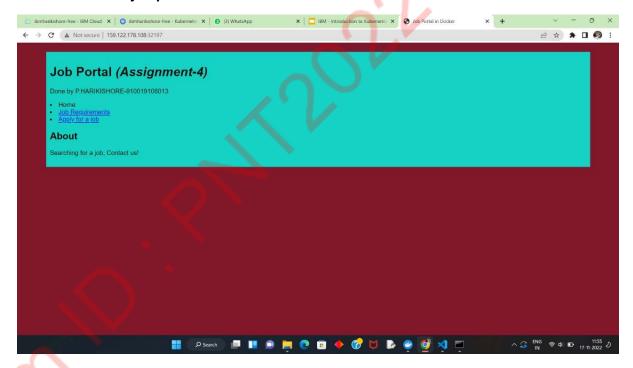
Deploy job-portal-app in Kubernetes Cluster using CMD



• Generate NodePort Link and check in IBM Kubernetes Dashboard



• Check for job portal in Node Link



TASK-4) COMPLETED SUCESSFULLY!