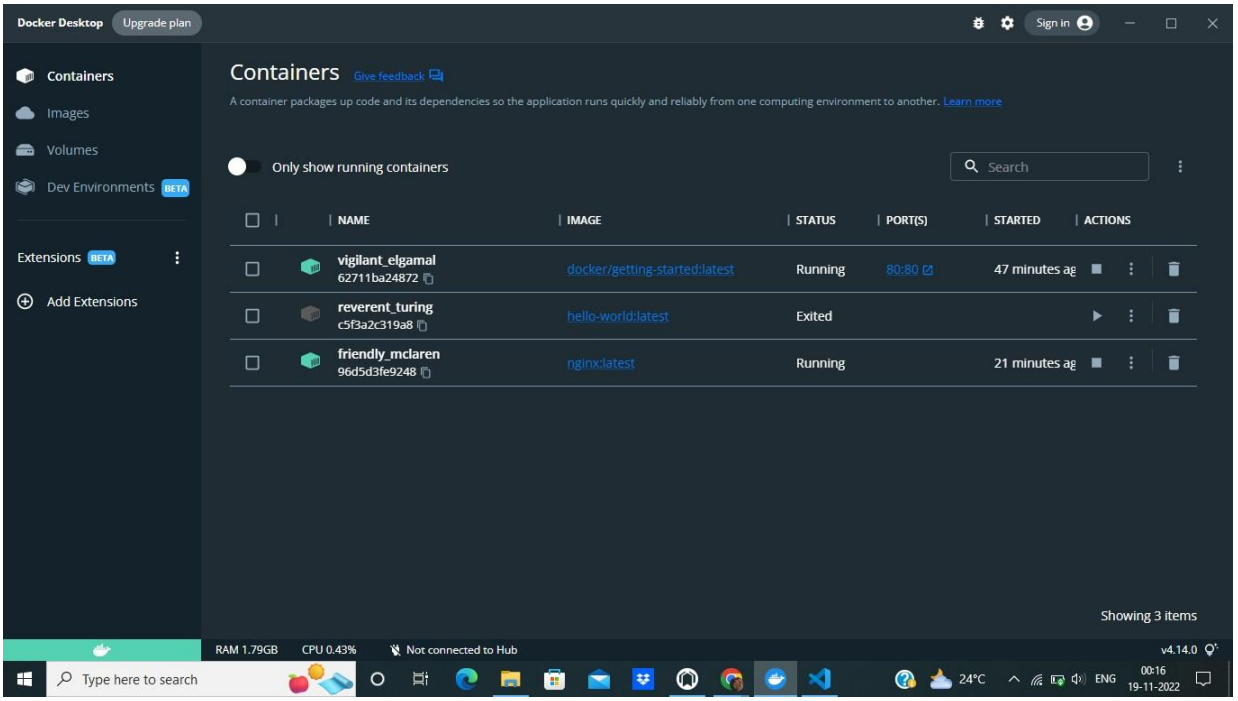
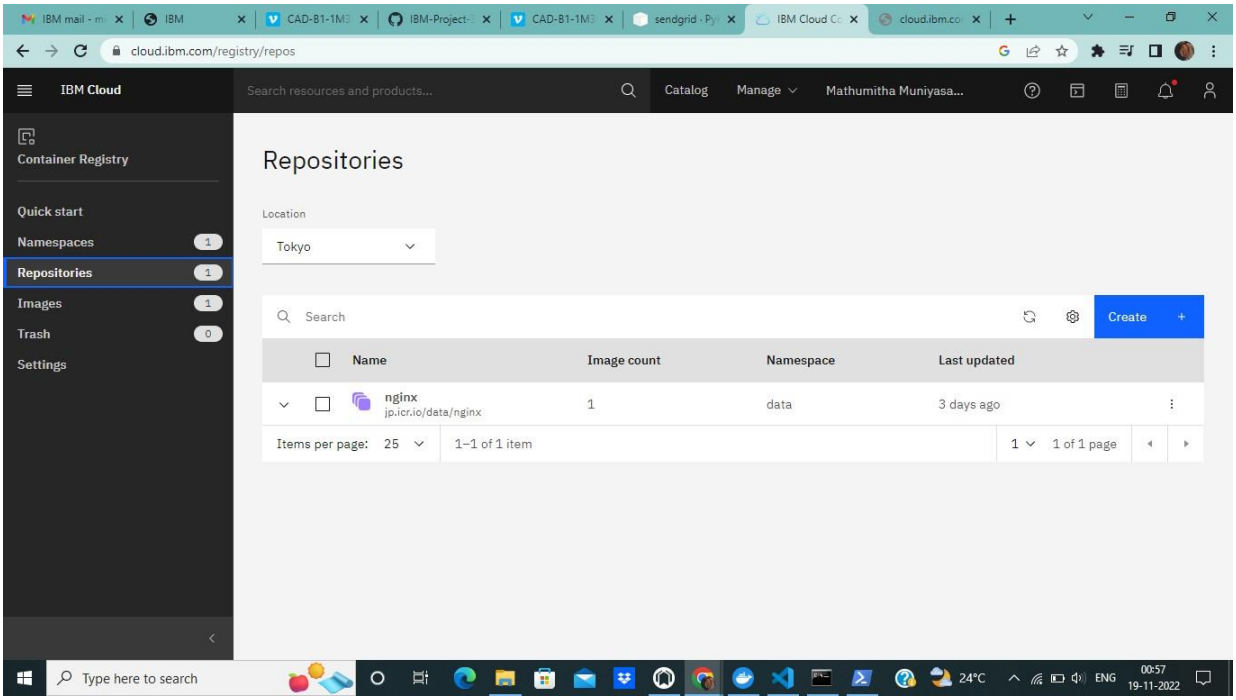
Assignment -4

TEAM ID	PNT2022TMID07083
PROJECT NAME	NEWS TRACKER
STUDENT NAME	MOHAMMED FAYAZ R

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

2. Create a dockerfile for the job portal / flask application and deploy it in Docker desktop application.

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Container Registry
Quick start
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Repositories 1
Images 1
Trash 0
Settings
Repositories
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Create
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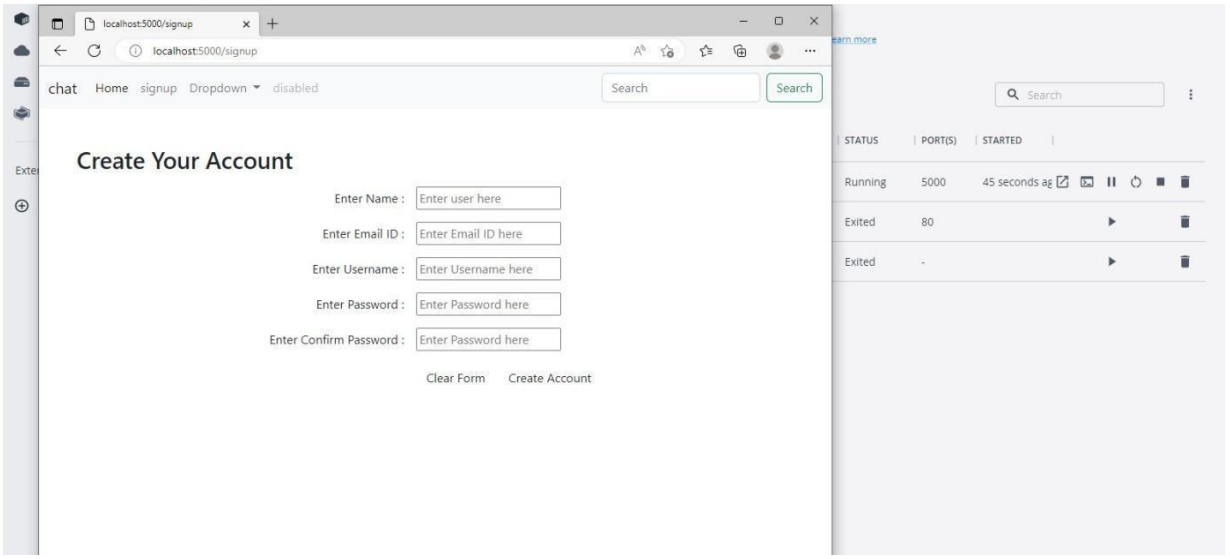
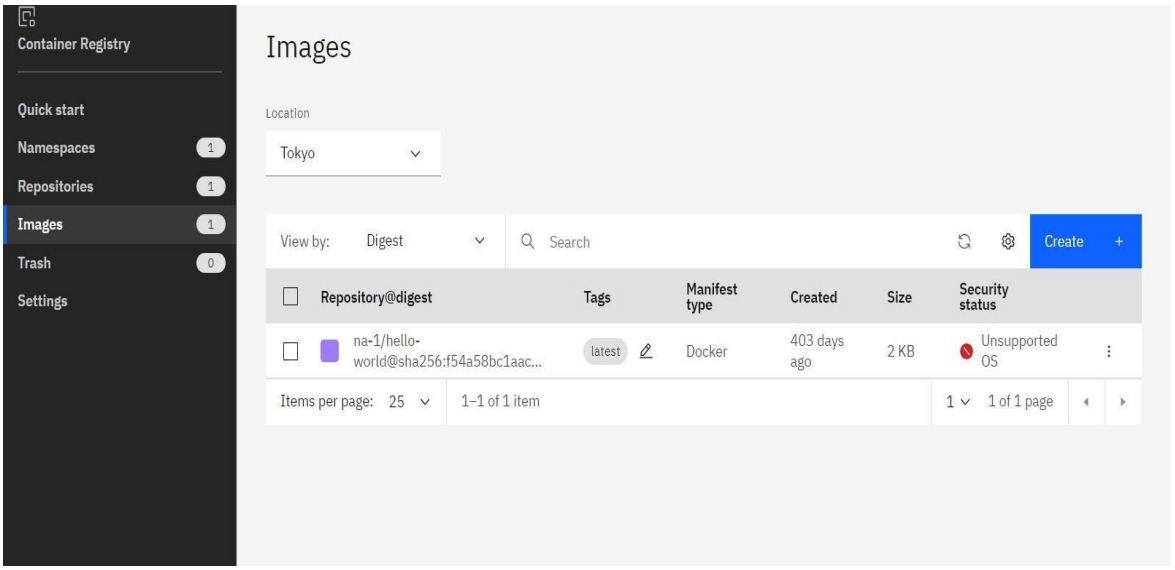
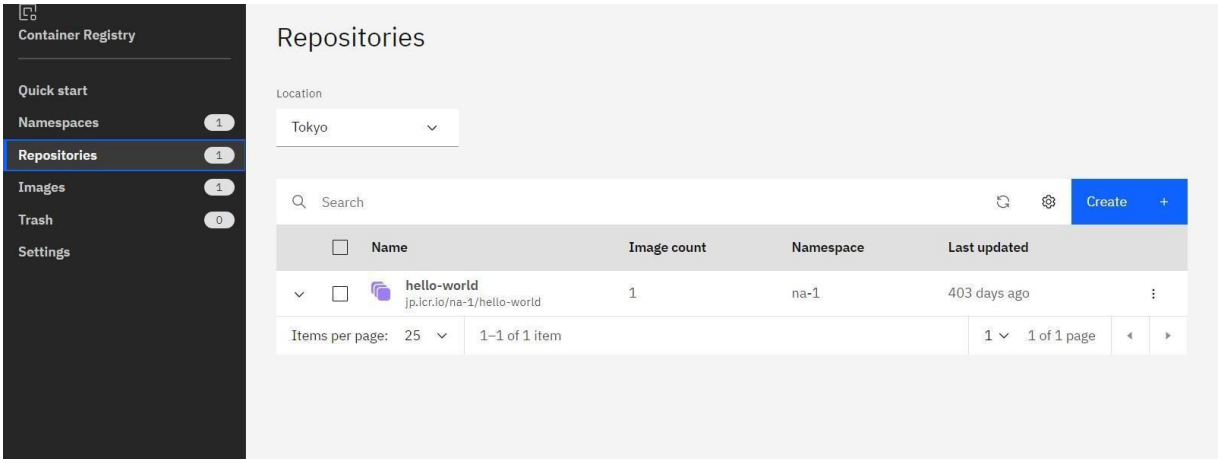
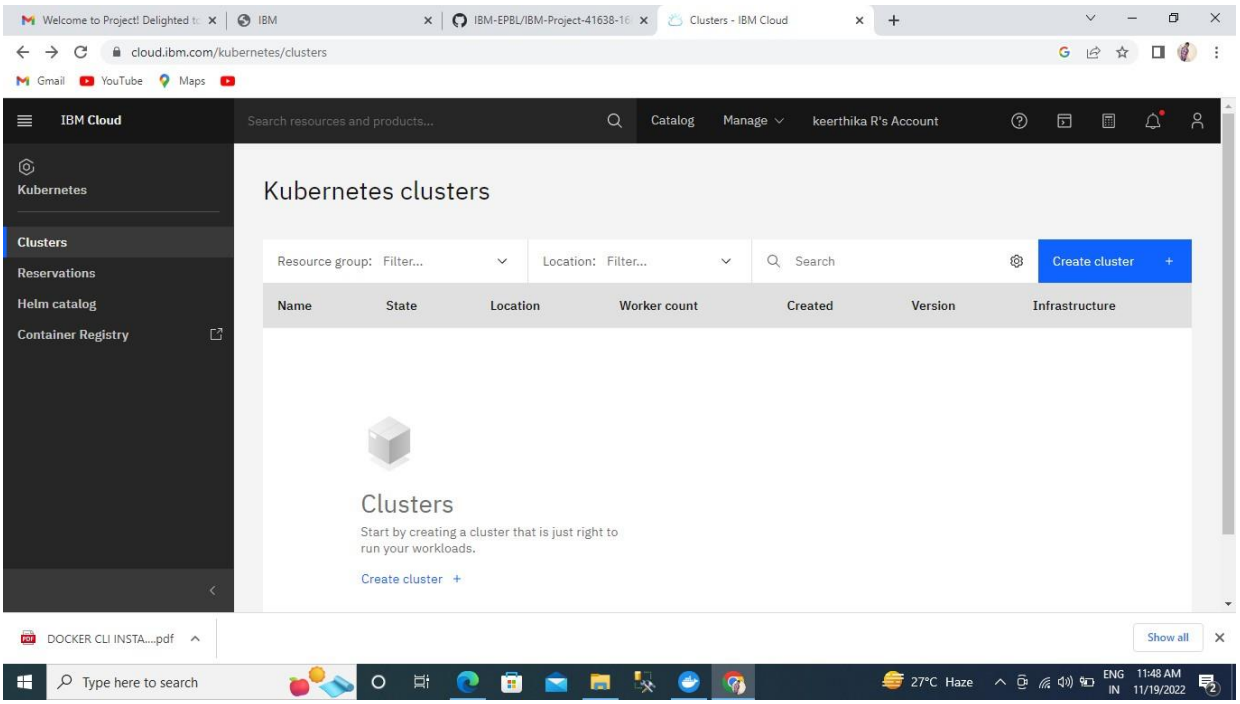


3. Create an IBM container registry and deploy hello world app of flask application or job portal app.





4. Create a Kubernetes cluster in IBM cloud and deploy hello world image or job portal image andalso expose the same app to run in nodeport.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Resource group: Filter...
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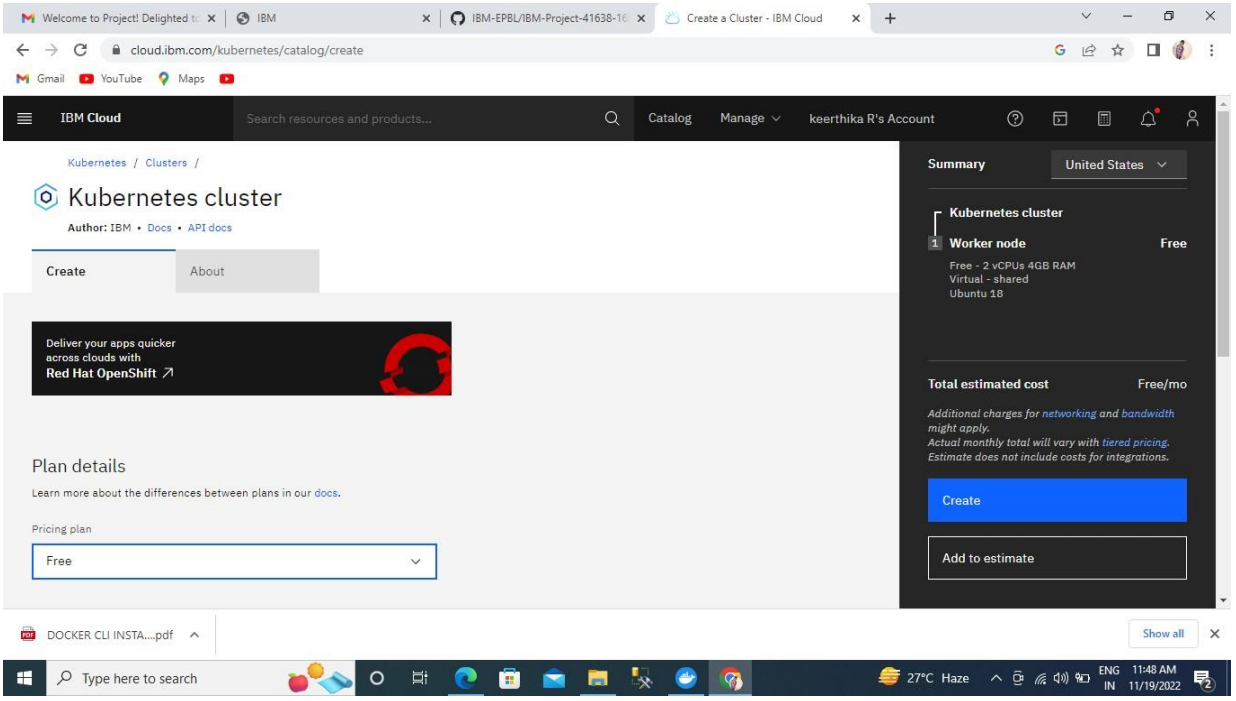
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Summary
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Kubernetes cluster
1 Worker node
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Free - 2 vCPUs 4GB RAM
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Additional charges for networking and bandwidth might apply.
Actual monthly total will vary with tiered pricing.
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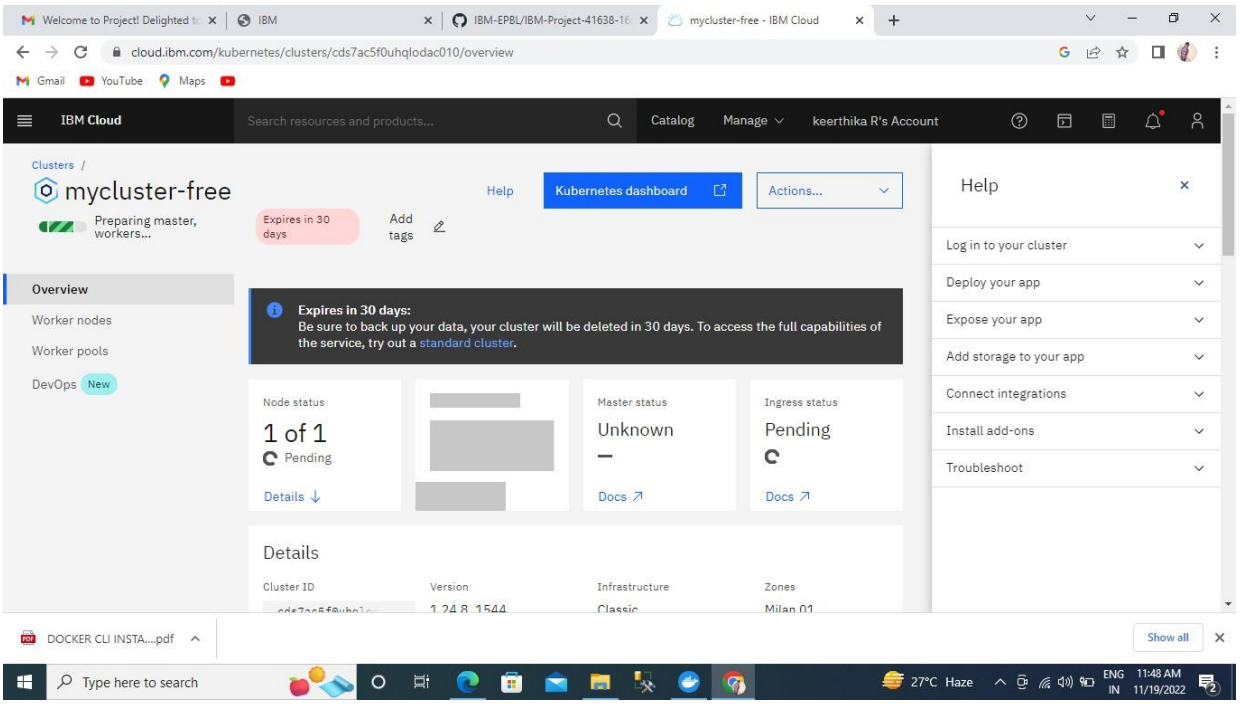
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cloud.ibm.com/kubernetes/clusters/cds7ac5f0uhqlodac010/overview
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Clusters /
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Preparing master, workers...
Expires in 30 days
Add tags
Help
Kubernetes dashboard
Actions...
Overview
Worker nodes
Worker pools
DevOps
New
Expires in 30 days:
Be sure to back up your data, your cluster will be deleted in 30 days. To access the full capabilities of the service, try out a standard cluster.
Node status
1 of 1
Pending
Details
Master status
Unknown
Docs
Ingress status
Pending
Docs
Details
Cluster ID
Version
1.24.8_1544
Infrastructure
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Help
Log in to your cluster
Deploy your app
Expose your app
Add storage to your app
Connect integrations
Install add-ons
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