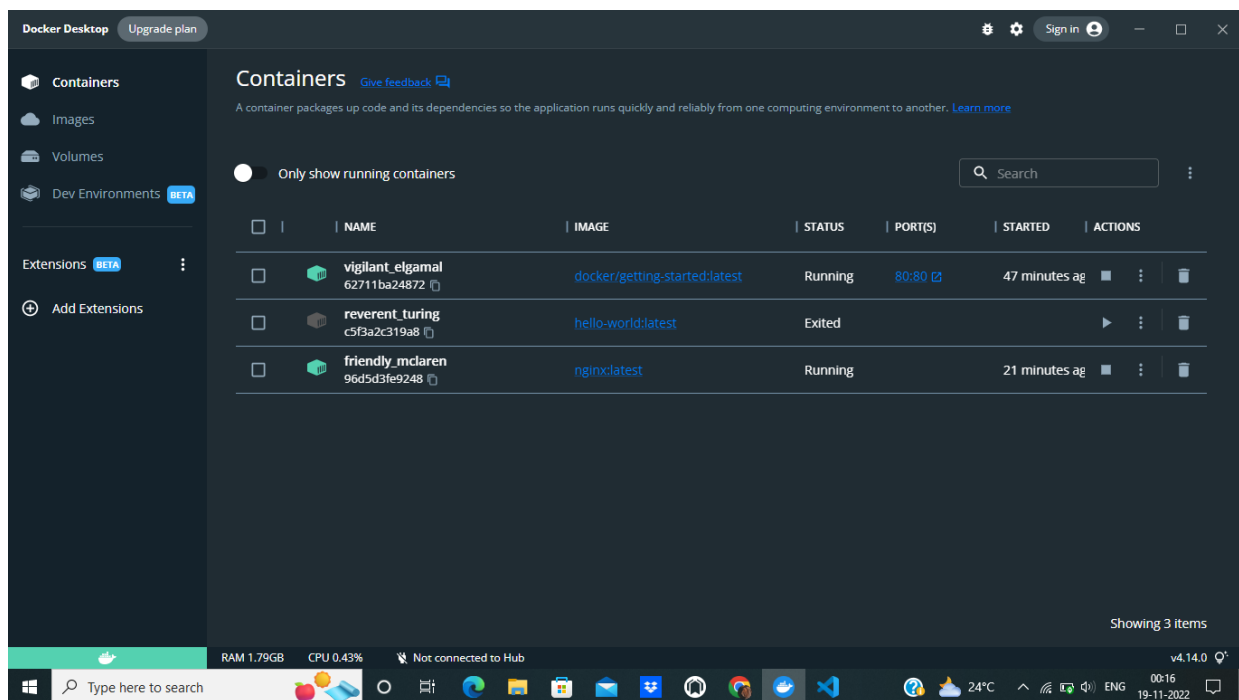


## Assignment -4

TEAM ID	PNT2022TMID48406
PROJECT NAME	NUTRITION ASSISTANT APPLICATION
STUDENT NAME	Kiruba.A

- 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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Mathumitha Muniyasa...

Container Registry

Quick start

Namespaces1

Repositories1

Images1

Trash0

Settings

Repositories

Location

Tokyo

Search

Create

	Name	Image count	Namespace	Last updated	
	nginx jp.icr.io/data/nginx	1	data	3 days ago	

Items per page: 251-1 of 1 item

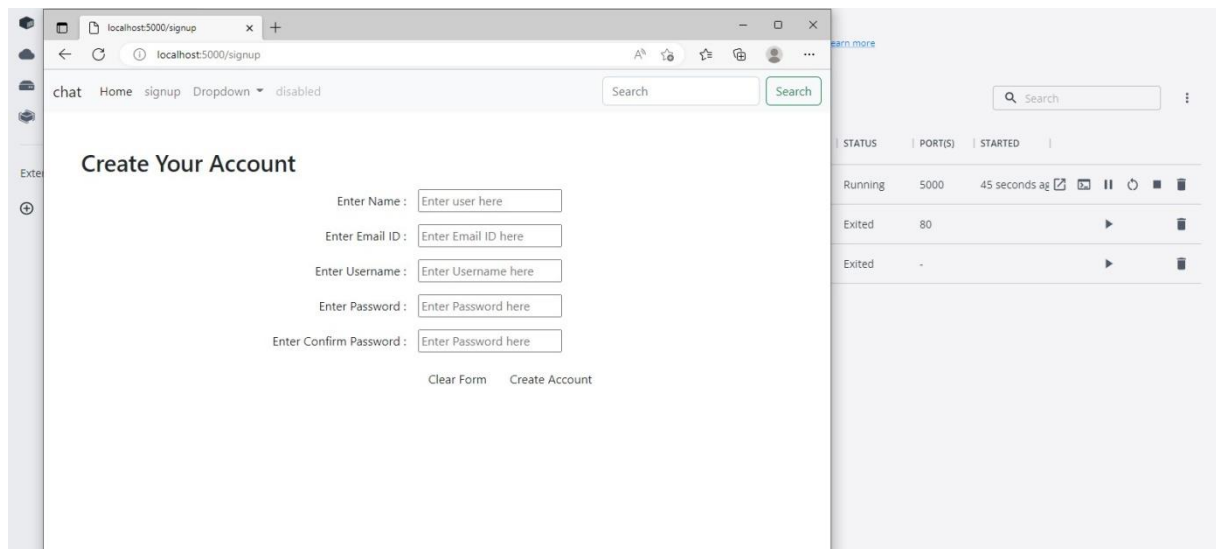
Type here to search

24°C

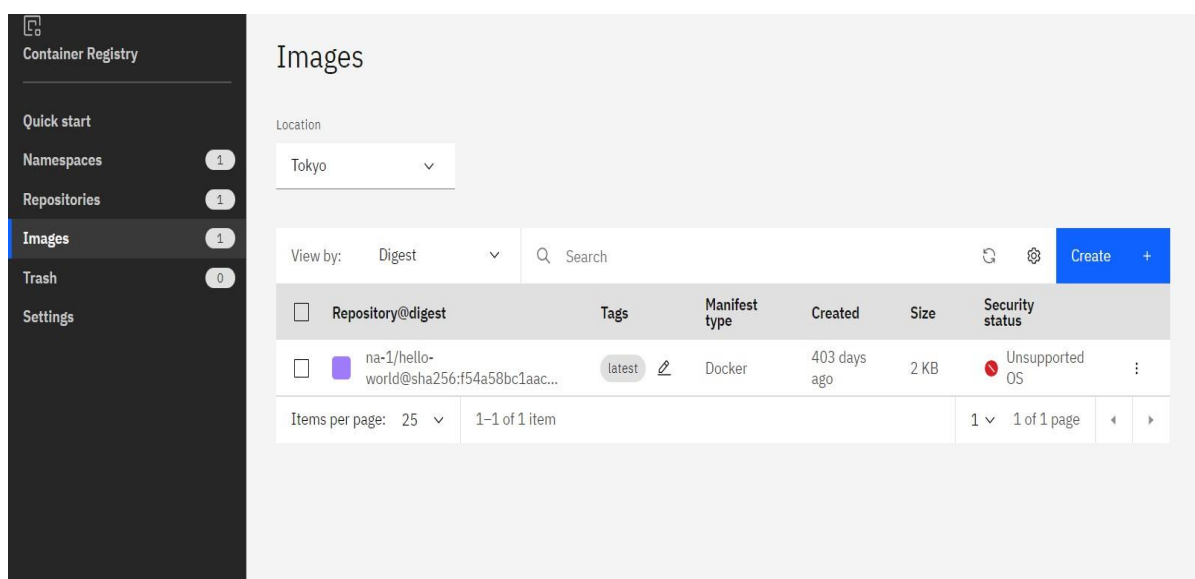
ENG

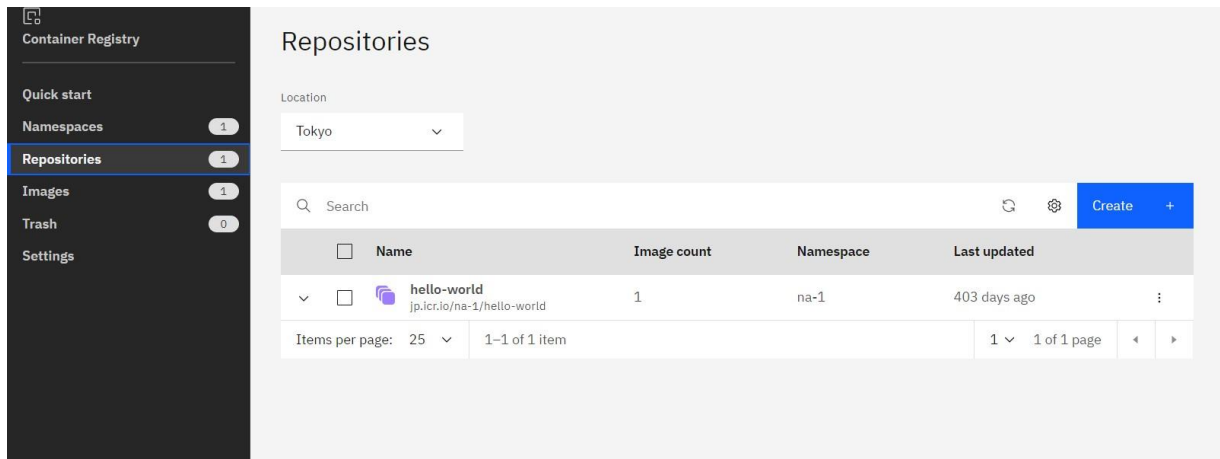
00:57

19-11-2022



### 3. Create a **IBM container registry** and **push docker image** of flask application or job portal app.





4. Create a Kubernetes cluster in IBM cloud and deploy flask application image or job portal image and also expose the same app to run in nodeport.

cloud.ibm.com/kubernetes/overview

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Clusters

Reservations

Helm catalog

Container Registry

## Deploy, scale, and manage your containerized application workloads

Deploy native Kubernetes clusters with the latest upstream versions on hardened master and worker nodes.

Create a cluster

Cluster capabilities

- Clusters: Automate deployments and manage your containerized apps in a native way.
- Image registry: Safely store and share your Docker images with users in your IBM Cloud.
- Vulnerability Advisor: Use status reports to protect your workloads and stop non-secure images.

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Integration of sen...pdf

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cloud.ibm.com/kubernetes/catalog/create

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## Kubernetes cluster

Author: IBM • Docs • API docs

Create About

Deliver your apps quicker across clouds with Red Hat OpenShift

Plan details

Learn more about the differences between plans in our docs.

Pricing plan

Free

Summary

United States

Kubernetes cluster

Worker node

Free

Free - 2 vCPUs 4GB RAM  
Virtual - shared  
Ubuntu 18

Total estimated cost

Free/mo

Additional charges for networking and bandwidth might apply.  
Actual monthly total will vary with tiered pricing.  
Estimate does not include costs for integrations.

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Add to estimate

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