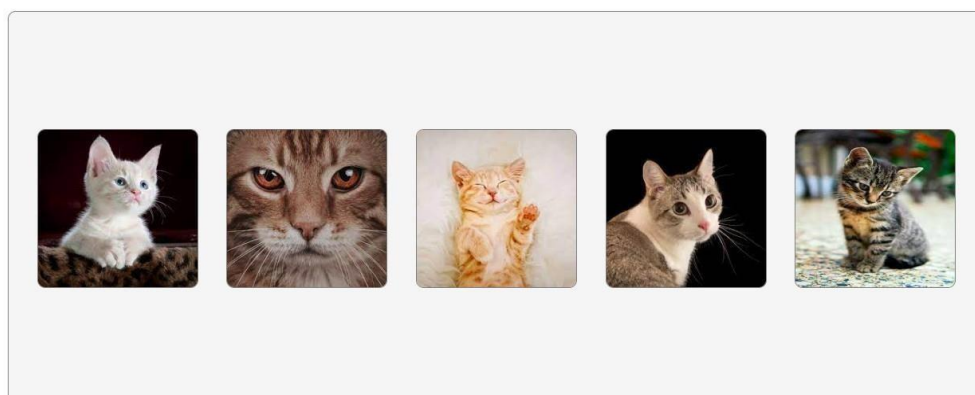
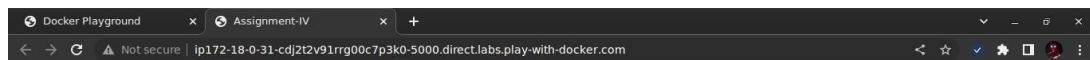
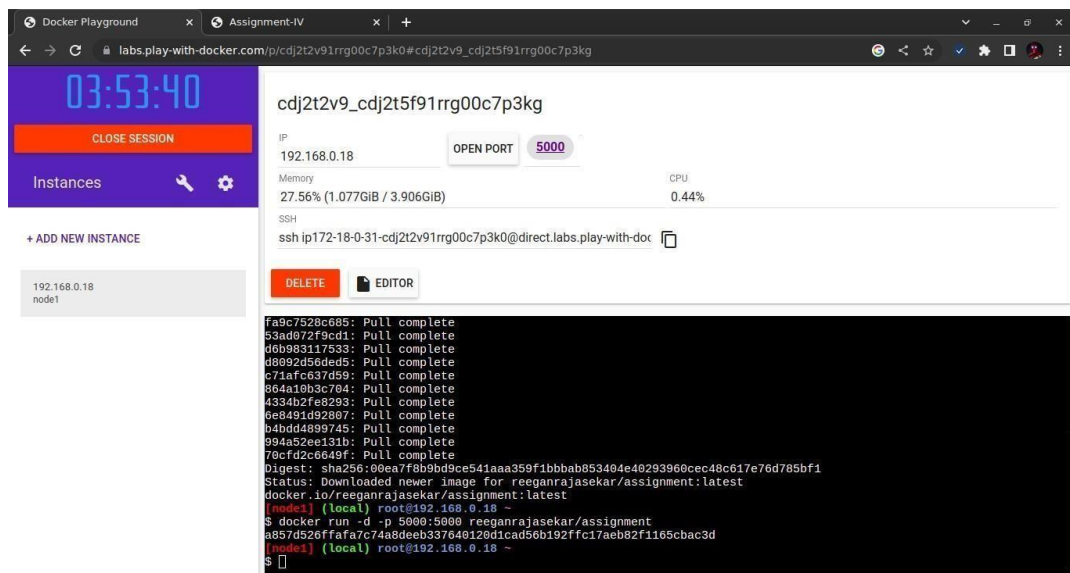


ASSIGNMENT-4

Assignment Date	13 November 2022
Student Name	Swetha. M
Student Roll Number	610519104101
Maximum Marks	2 Marks

Question:

1. Pull an Image from docker hub and run it in docker playground.
2. Create a docker file for the job portal / flask application and deploy it in Docker desktop application.
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 no deport.



Container Registry

Quick start

Namespaces

Repositories

Images

Trash

Settings

Namespaces

Location

Tokyo

Resource group: Filter...

Search

Create

<input type="checkbox"/>	Name	Resource group	Repository count	Image count	Retention policy	
<input type="checkbox"/>	assignment_4	Default	1	1	Retain all images	:
Repository			Image count		Last updated	
	jp.lcr.io/assignment_4/assignment_4			1	1 day ago	:

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Workloads > Pods

Workloads

Cron Jobs

Daemon Sets

Deployments

Jobs

Pods

Replica Sets

Replication Controllers

Stateful Sets

Service

Ingresses

Ingress Classes

Services

Config and Storage

Config Maps

CPU Usage

Memory Usage

Pods

	Name	Images	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created
	assignment4-55cd499756-5mnzm	Show all	Show all	10.144.194.84	Running	0	1.32m	19.44M	17 minutes ago
	assignment4-55cd499756-6ml2n	Show all	Show all	10.144.194.84	Running	0	1.80m	19.39M	17 minutes ago
	assignment4-55cd499756-hi58f	Show all	Show all	10.144.194.84	Running	0	1.00m	19.44M	17 minutes ago

Workloads

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Replica Sets

Replication Controllers

Stateful Sets

Service

Ingresses

Ingress Classes

Services

Config and Storage

Config Maps

Workload Status

Running: 1

Deployments

Running: 5

Pods

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Resource group: Filter...

Search

Create

	Name	Resource group	Repository count	Image count	Retention policy
	assignment_4	Default	1	1	Retain all images
Repository			Image count	Last updated	
	jp.icr.io/assignment_4/assignment_4		1	1 day ago	

Items per page: 25

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