Assignment -4

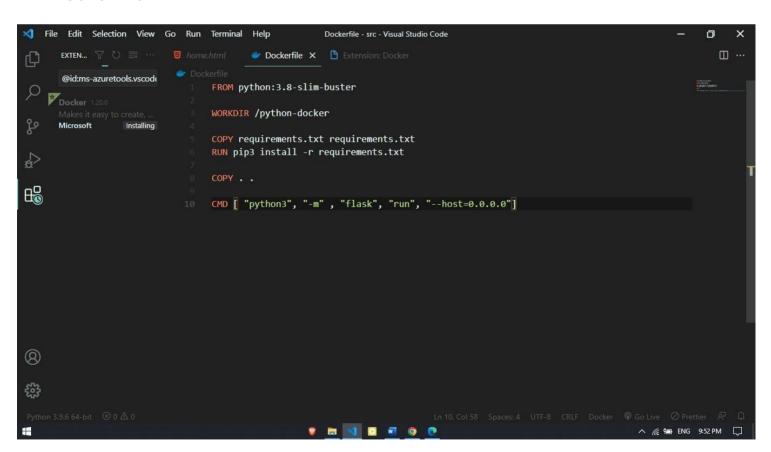| Assignment Date	14 November 2022
Student Name	PAVALAKODI R
Student Roll Number	422419205024
Maximum Marks	2 Marks

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

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

Dockerfile

JOB FINDER

Latest job searching

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Repeat your password

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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.**

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Container Registry

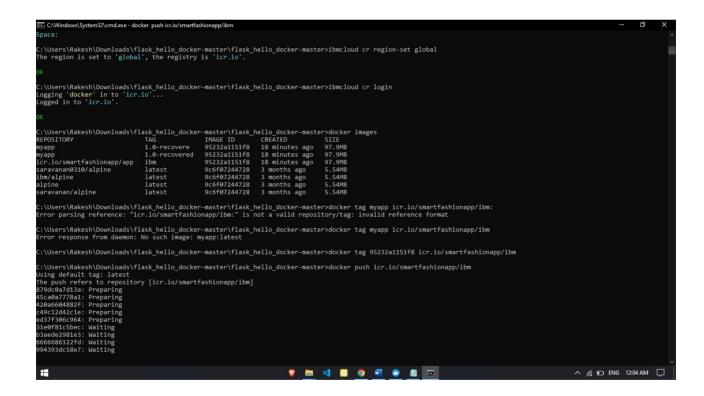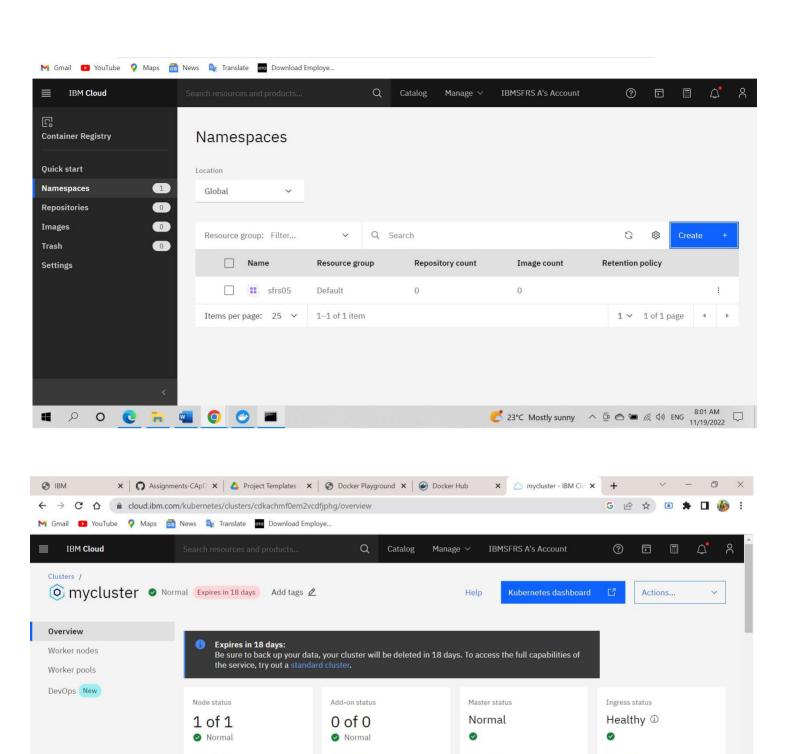Quick start
Namespaces　1
Repositories　0
Images　0
Trash　0
Settings

Namespaces

Location

Global ⌄

Resource group: Filter... ⌄　🔍 Search　Create +

	Name	Resource group	Repository count	Image count	Retention policy
	sfrs05	Default	0	0	⋮

Items per page: 25 ⌄　1–1 of 1 item　1 ⌄　1 of 1 page　◀　▶

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Clusters /
⬡ **mycluster** ✔ Normal　Expires in 18 days　Add tags ✎　Help　Kubernetes dashboard ⬈　Actions... ⌄

Overview
Worker nodes
Worker pools
DevOps New

ⓘ **Expires in 18 days:**
Be sure to back up your data, your cluster will be deleted in 18 days. To access the full capabilities of the service, try out a standard cluster.

Node status
1 of 1
✔ Normal
Details ↓

Add-on status
0 of 0
✔ Normal
Details ↓

Master status
Normal
✔
Docs ⬈

Ingress status
Healthy ⓘ
✔
Docs ⬈

Details

Cluster ID
cdkachmf0em2vcdfjphg 📋

Version
1.24.7_1542

Infrastructure
Classic

Zones
Milan 01

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