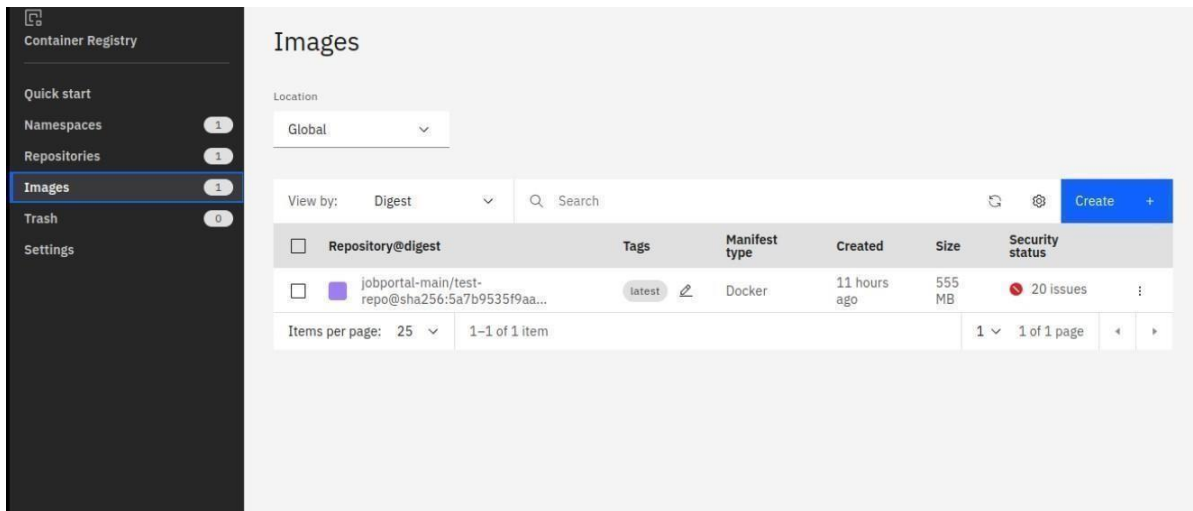


Assignment 4[contd]

Question 3:

Create an IBM container registry and deploy helloworld app or job portal app.



Question 4:

Create a kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.

apiVersion: v1 kind:

Service metadata: name:

hello-world-

deployment spec: ports: -

port:

5000 targetPort:

5000 selector: app:

hello-world ---

apiVersion: apps/v1

kind: Deployment

metadata: name: hello-

world- deployment
spec:

replic as: 1 select or:
matchLabels: app:
helloworld

template: meta da ta :
la be ls : app:
hello-
world spec:
containers:

- name: hello-world image: au.icr.io/hello-worldapp/helloworld imagePullPolicy: Always ports:
- containerPort: 5000

Clusters / mycluster-free Normal Expires in 29 days [Add tags](#) [Help](#) [Kubernetes dashboard](#) [Actions...](#)

Overview
Worker nodes
Worker pools
DevOps New


Expires in 29 days:
Be sure to back up your data, your cluster will be deleted in 29 days. To access the full capabilities of the service, try out a [standard cluster](#).

Node status	Add-on status	Master status	Ingress status
1 of 1 Normal Details	0 of 0 Normal Details	Normal Normal Docs	Unknown Unknown Docs


Details



Cluster ID	Version	Infrastructure	Zones
cd11j33f9a6mchav5k1g Copy	1.24.7_1542	Classic	Milan 01
Created 04/11/2022, 01:12	Resource group Default	Image security enforcement Enable	

Windows taskbar at the bottom shows the time as 01:37 PM on 04-11-2022.


 **kubernetes**

default

 Search

+  

Workloads > Pods > hello-world-deployment-6c75b9c898-p4ntv > Logs

Workloads 

Cron Jobs

Daemon Sets

Deployments

Jobs


Pods

Replica Sets


Replication Controllers

Stateful Sets


Service

Ingresses 



Ingress Classes

Services 

Config and Storage

Logs from hello-world in hello-world-dep... 

```
* Serving Flask app 'app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://172.30.82.142:5000
Press CTRL+C to quit
```

Logs from Nov 4, 2022 to Nov 4, 2022 UTC  

eu-de.containers.cloud.ibm.com/kubeproxy/clusters/cdi1j33R0a6mchav5kiq/_ser...

