Sprint- 4 / Output

Team ID	PNT2022TMID42578
Project Name	Inventory Management Systems for Retailers

Image Build

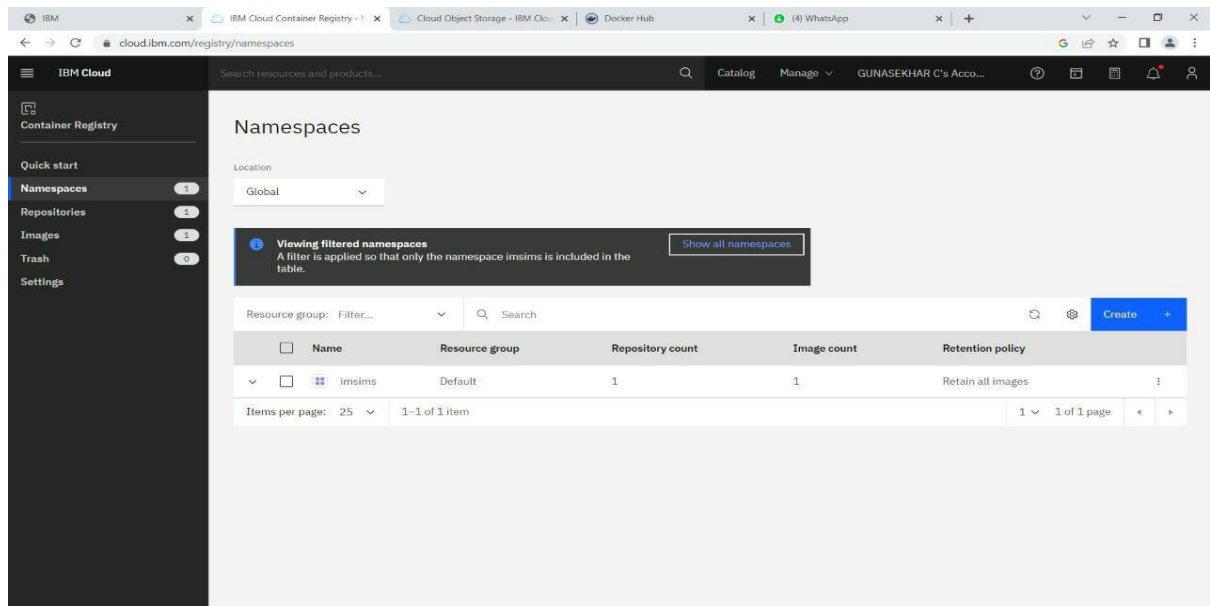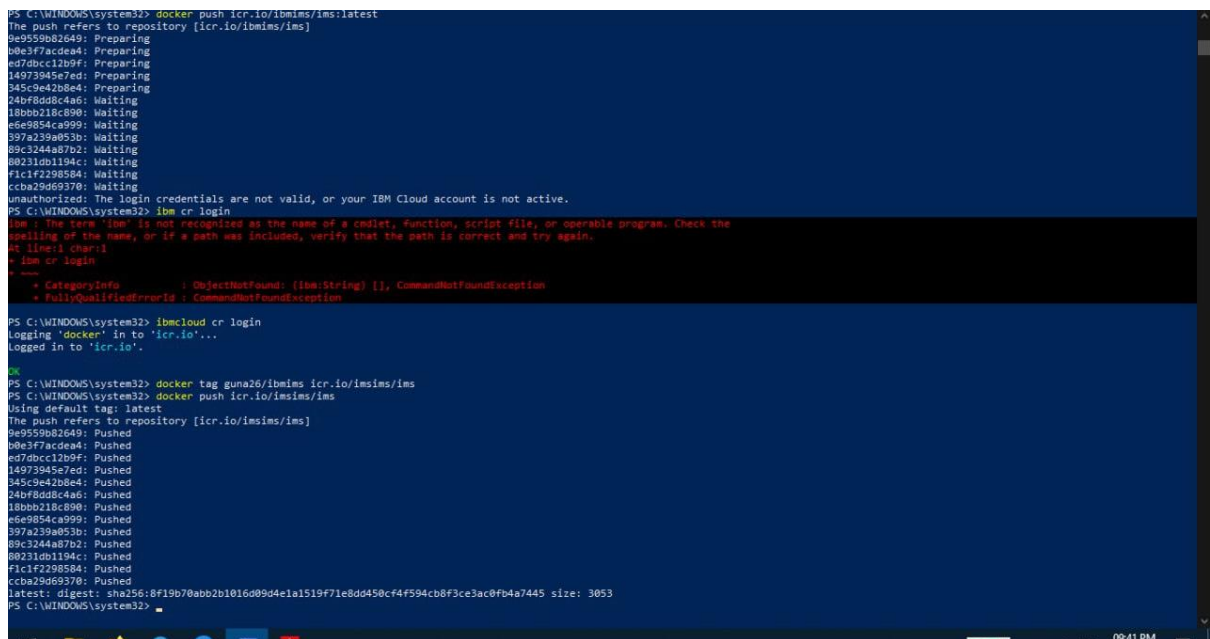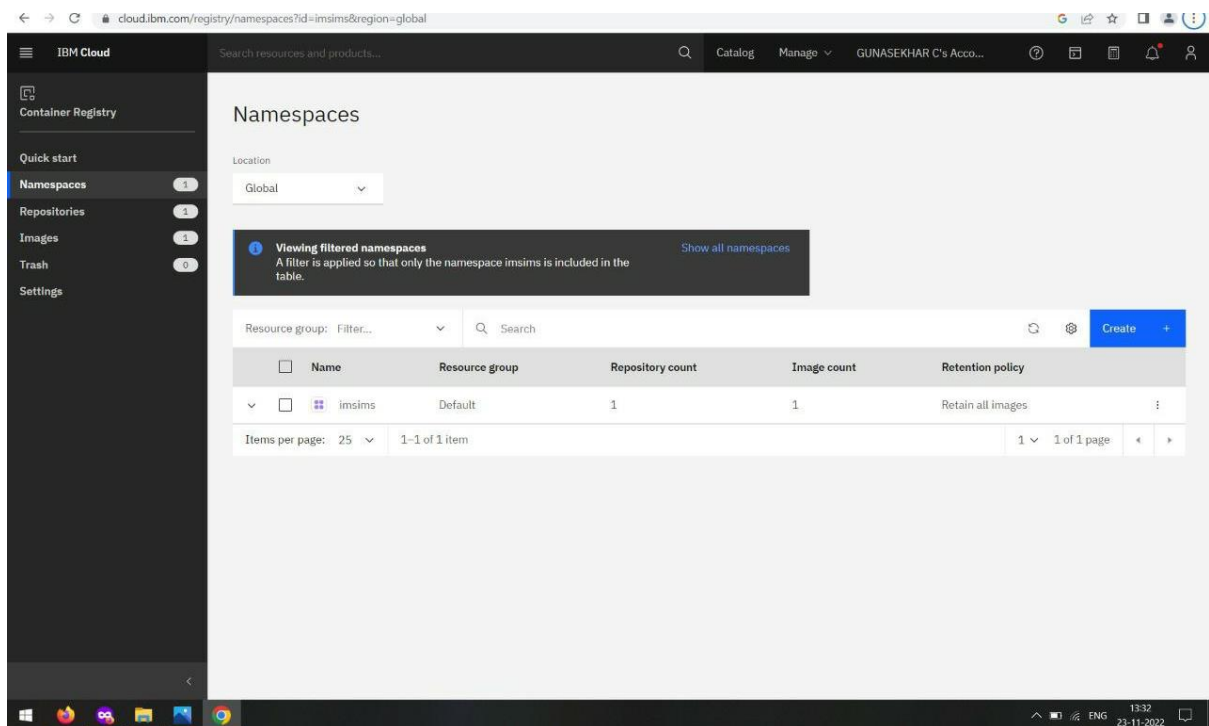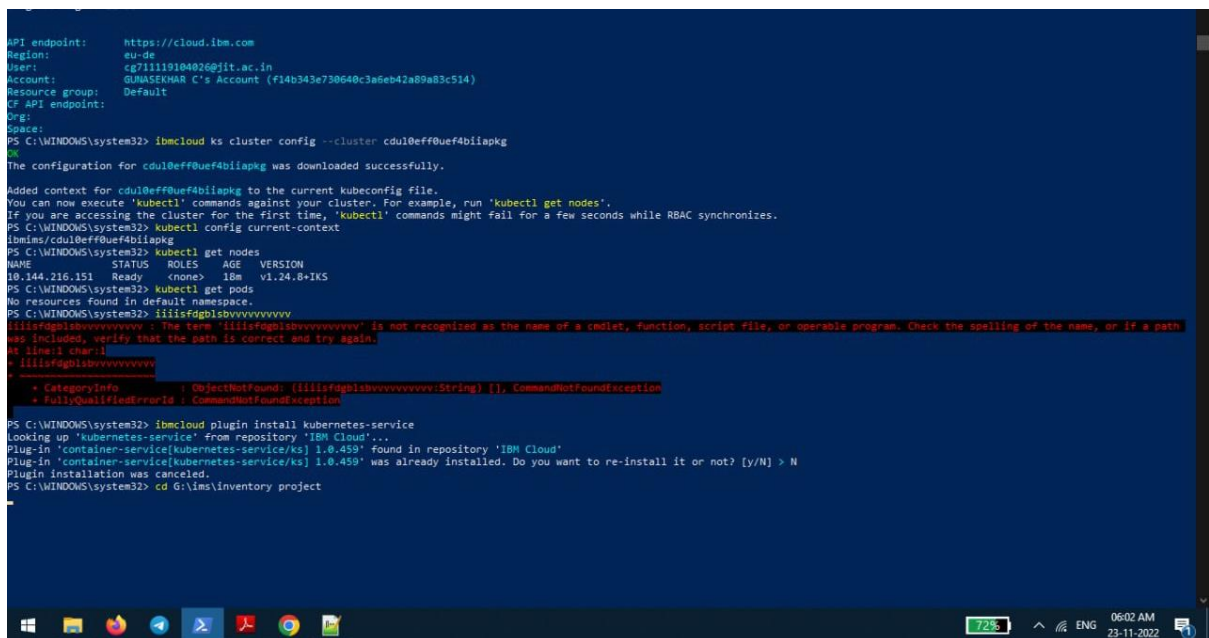## Pushing the image from docker desktop to docker-hub

Creating namespaces in container registry

Pushing image from docker desktop to container registry

Creating container in Kubernetes services

Configuring cluster

Creating Kubernetes deployment file and expose deployment

```
C:\Windows\System32\cmd.exe                                                          —   □   ×
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

G:\ims\inventory project>kubectl create -f deployment.yaml
deployment.apps/ims created

G:\ims\inventory project>kubectl get deployment
NAME   READY   UP-TO-DATE   AVAILABLE   AGE
ims    1/1     1            1           2m1s

G:\ims\inventory project>kubectl get pods
NAME                    READY   STATUS    RESTARTS   AGE
ims-7b947cb46c-khdgm    1/1     Running   0          12m

G:\ims\inventory project>kubectl expose deployment ims --type=NodePort --new=newims
error: unknown flag: --new
See 'kubectl expose --help' for usage.

G:\ims\inventory project>kubectl expose deployment ims --type=NodePort --name=newims
service/newims exposed

G:\ims\inventory project>kubectl describe deployment ims
Name:                   ims
Namespace:              default
CreationTimestamp:      Wed, 23 Nov 2022 06:08:23 +0530
Labels:                 app=ims
Annotations:            deployment.kubernetes.io/revision: 1
Selector:               app=ims
Replicas:               1 desired | 1 updated | 1 total | 1 available | 0 unavailable
StrategyType:           RollingUpdate
MinReadySeconds:        0
RollingUpdateStrategy:  25% max unavailable, 25% max surge
Pod Template:
  Labels:  app=ims
  Containers:
   ims:
    Image:       icr.io/imsims/ims
    Port:        5000/TCP
    Host Port:   0/TCP
    Environment:
      DISABLE_WEB_APP:  false
    Mounts:             <none>
  Volumes:              <none>
Conditions:
```