Project Development Phase

Delivery of Sprint-4

Date	24 November 2022
Team ID	PNT2022TMID25192
Project Name	Inventory Management System For Retailer

Deploying it on our Kubernetes services:

Step 1:

Open command prompt in the location where the project file is in.

Step 2:

Login to docker, ibmcloud and ibmcloud cr by using [docker login], [ibmcloud login] and [ibmcloud cr login] commands.

Step 3:

Build the image to docker hub.

Step 4:

Tag the docker image with our IBM container register namespaces.

Step 5:

Push to the namespaces of IBM container registry.

Step 6:

View the pushed image on IBM container registry.

Step 5:

Launch Kubernetes service and connect via CLI

Step 5:

Apply the yaml files using command prompt.

Step 5:

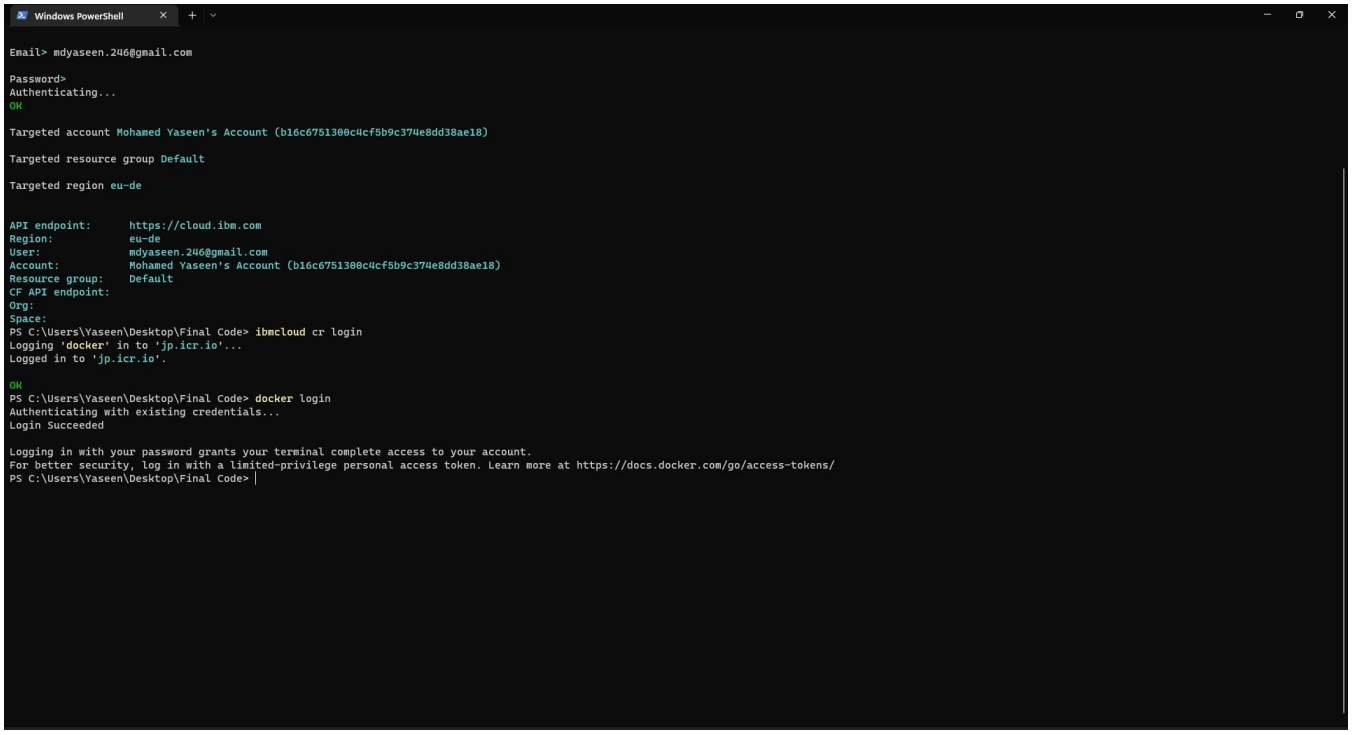
View the public IP and port number.

Step 5:

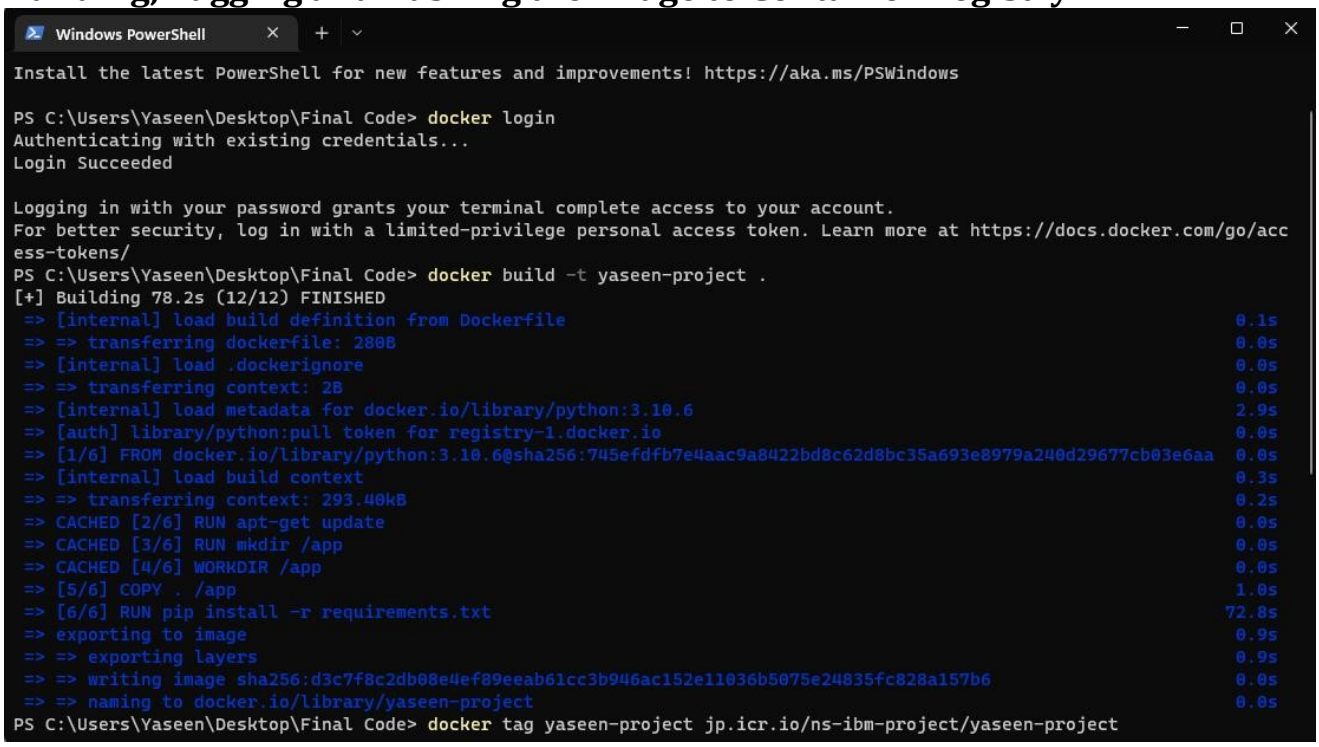
Go to the Public IP with the respected port number.

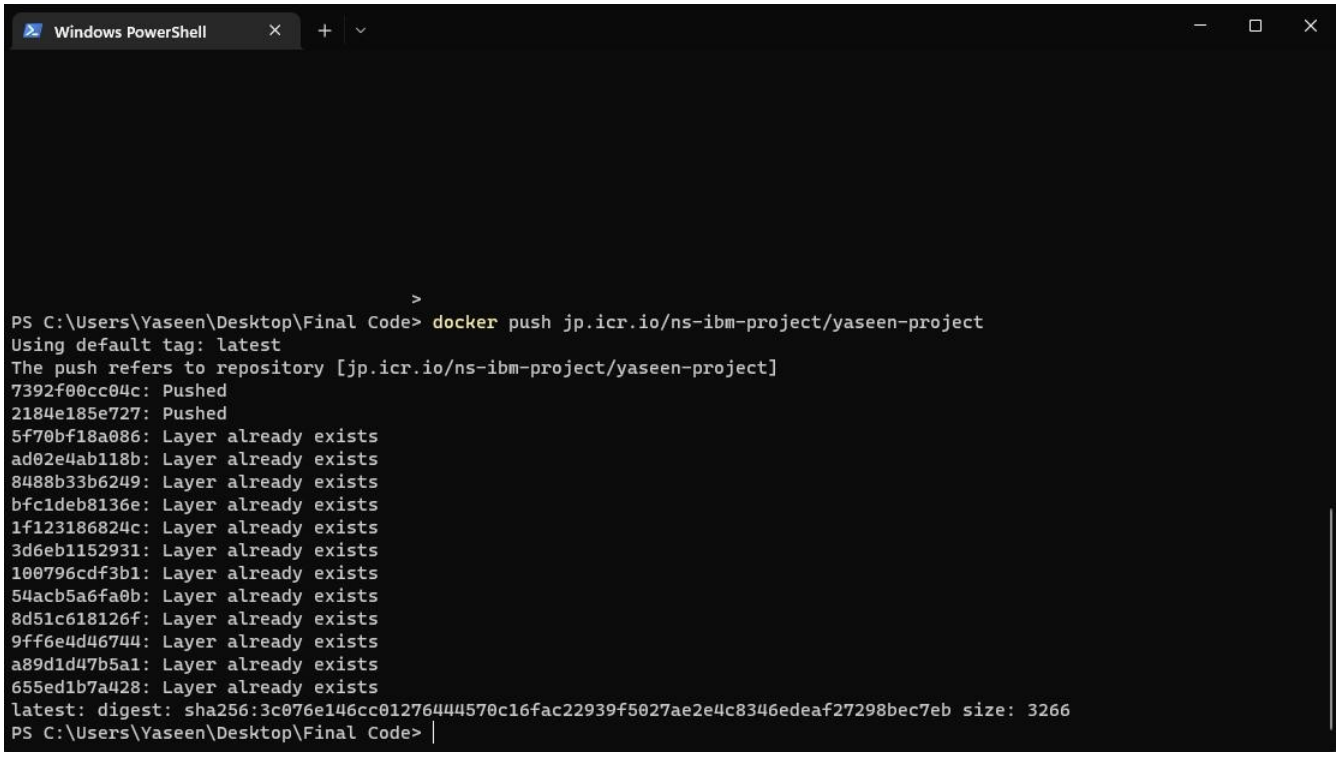
Output:

Login to the docker, ibmcloud & ibmcloud cr in Command Prompt:

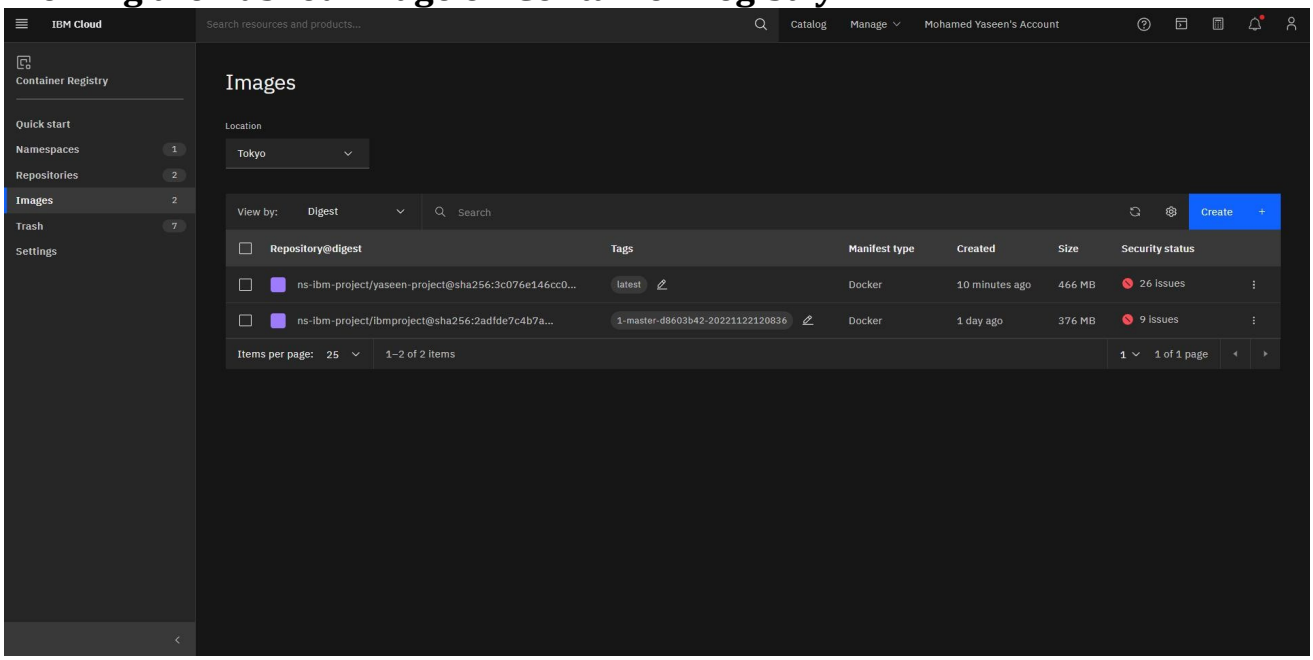


Building, Tagging and Pushing the Image to Container Registry:

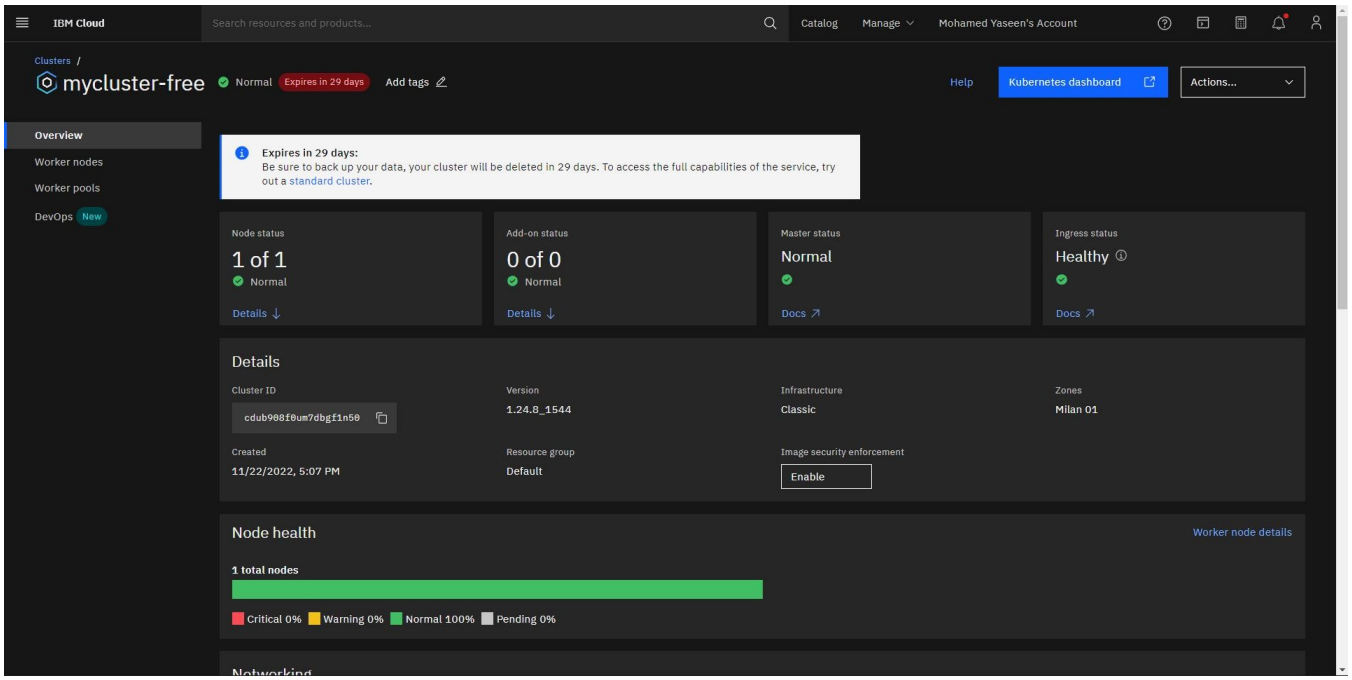


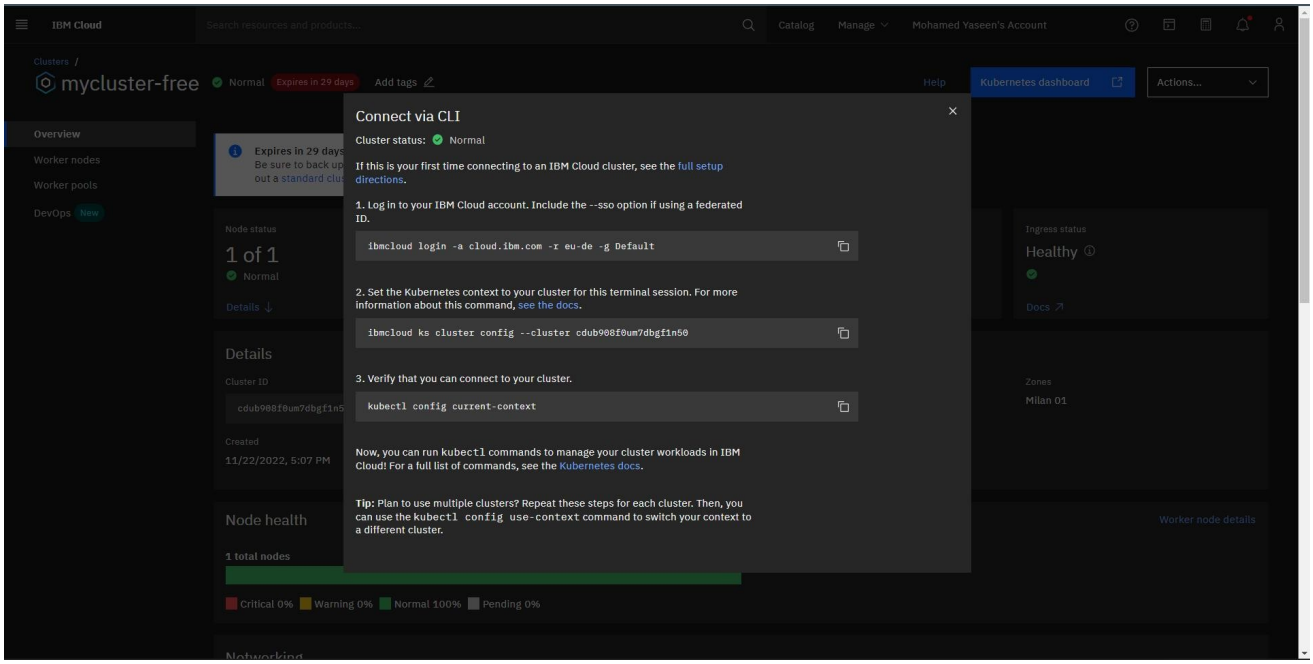


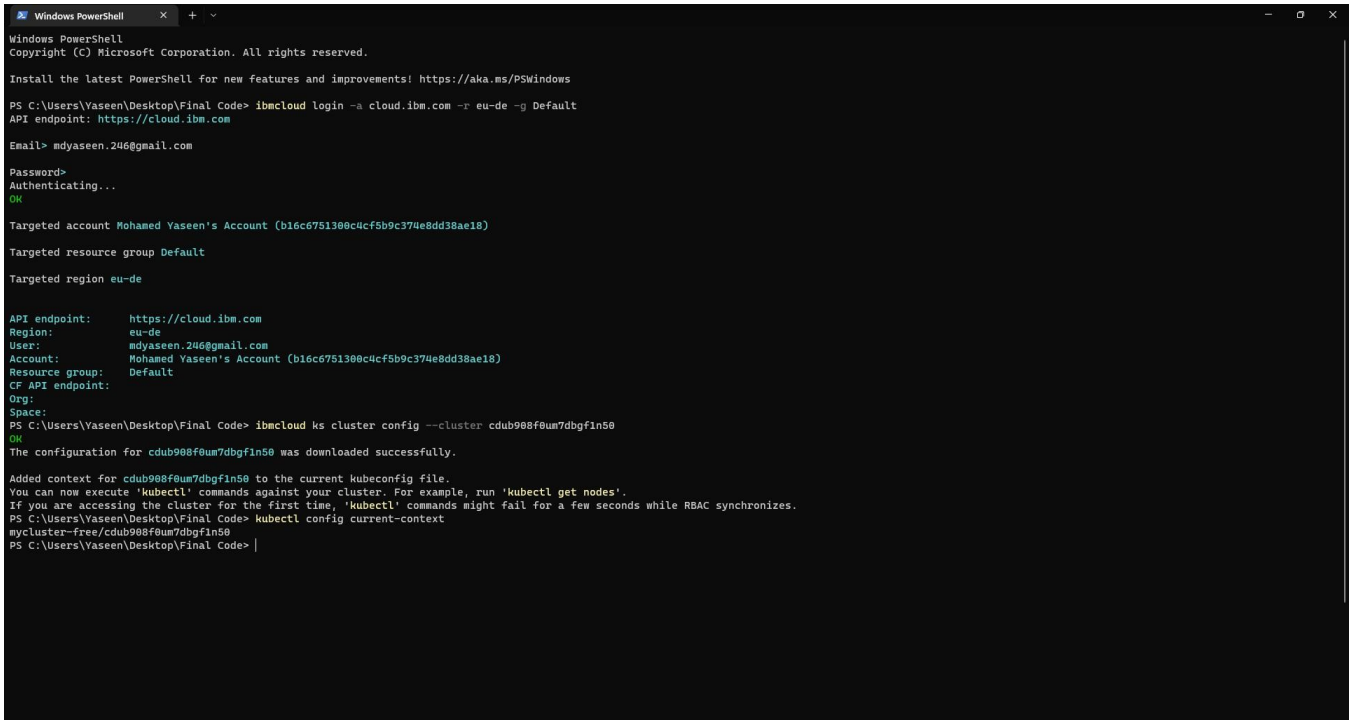
Viewing the Pushed Image on Container Registry:



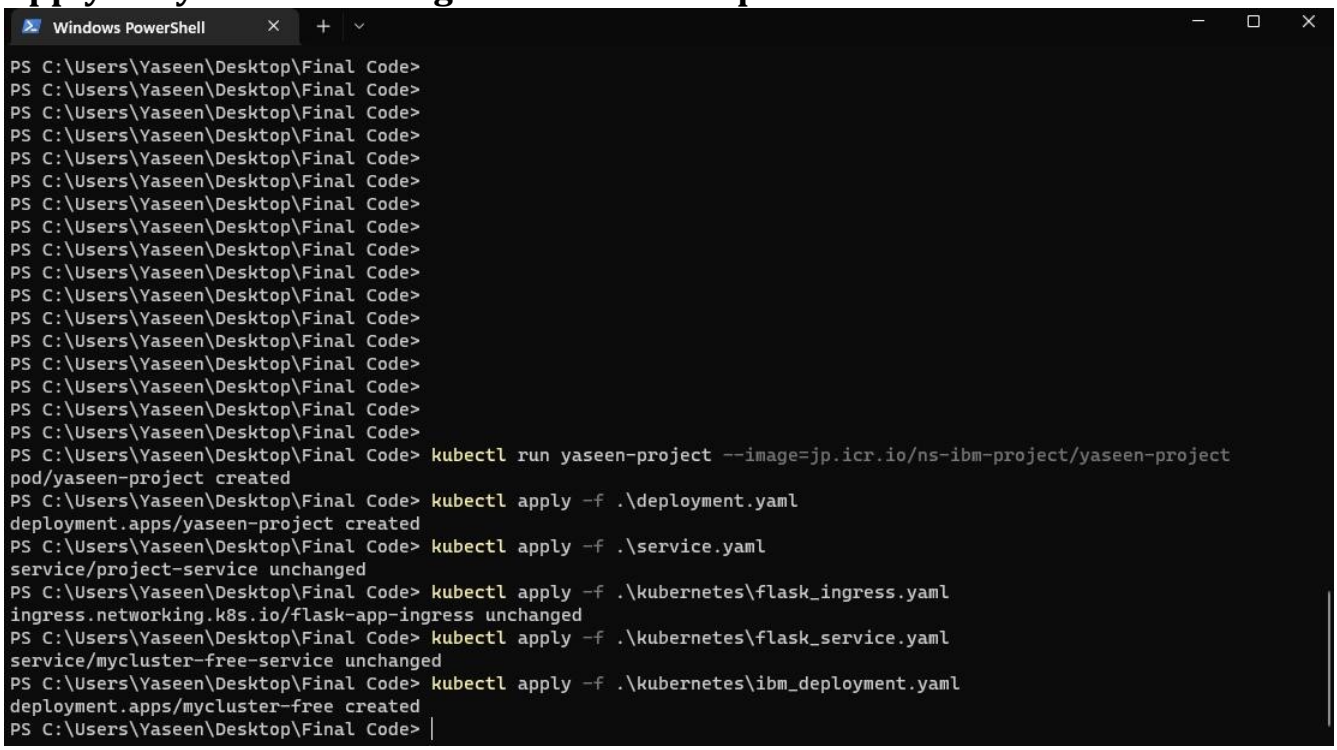
Launch Kubernetes Service and Connect Via CLI:



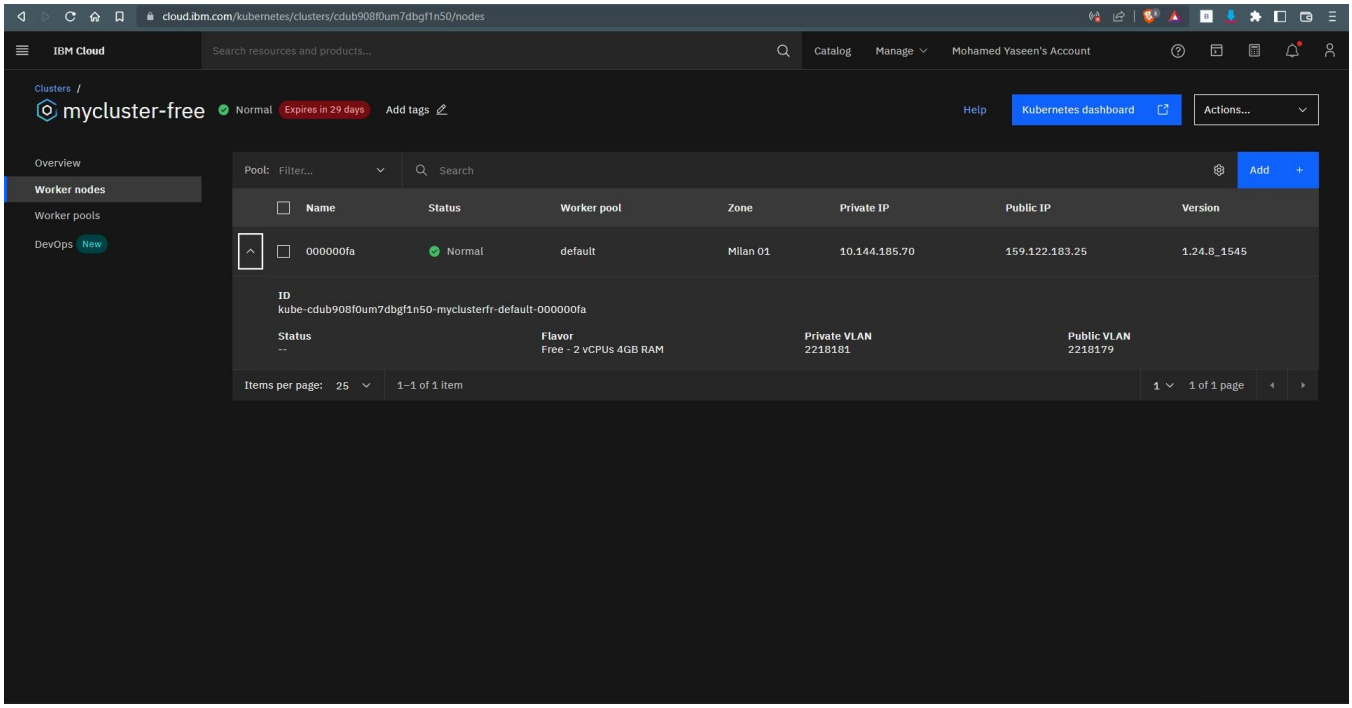


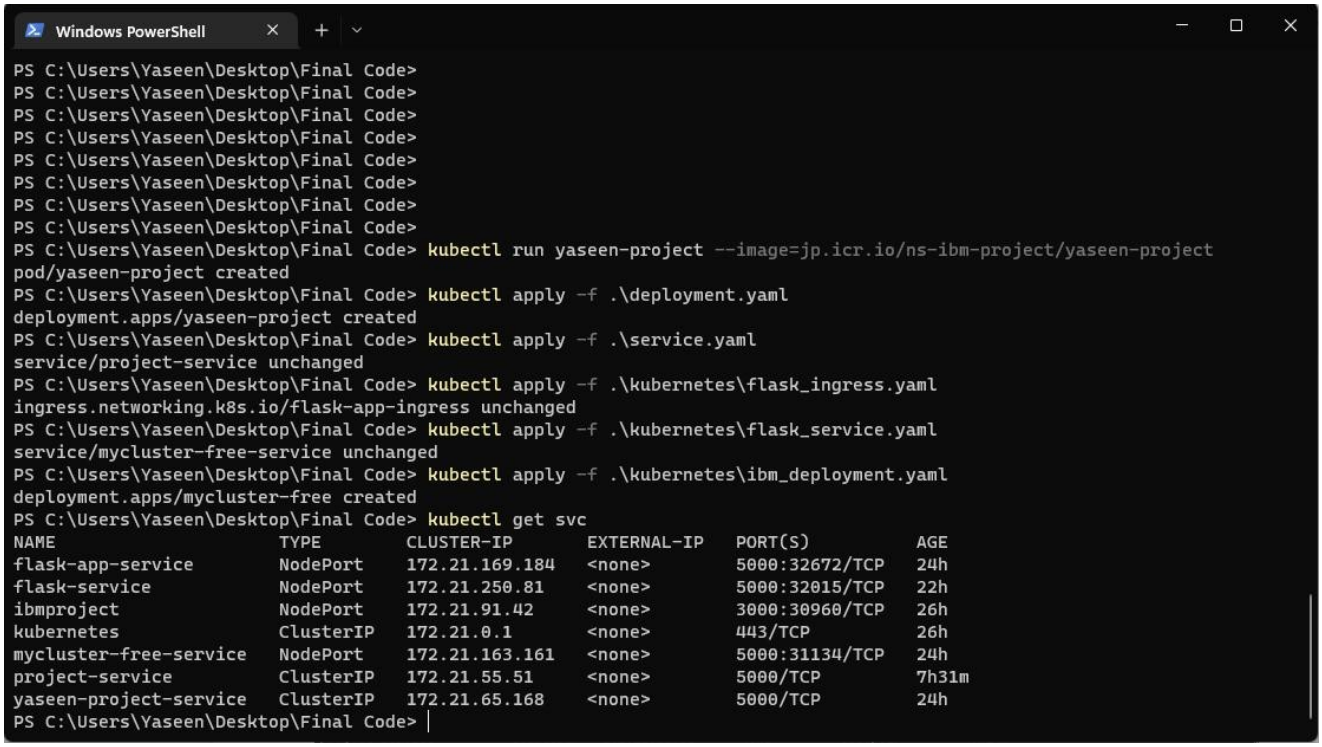


Apply the yaml Files Using Command Prompt:

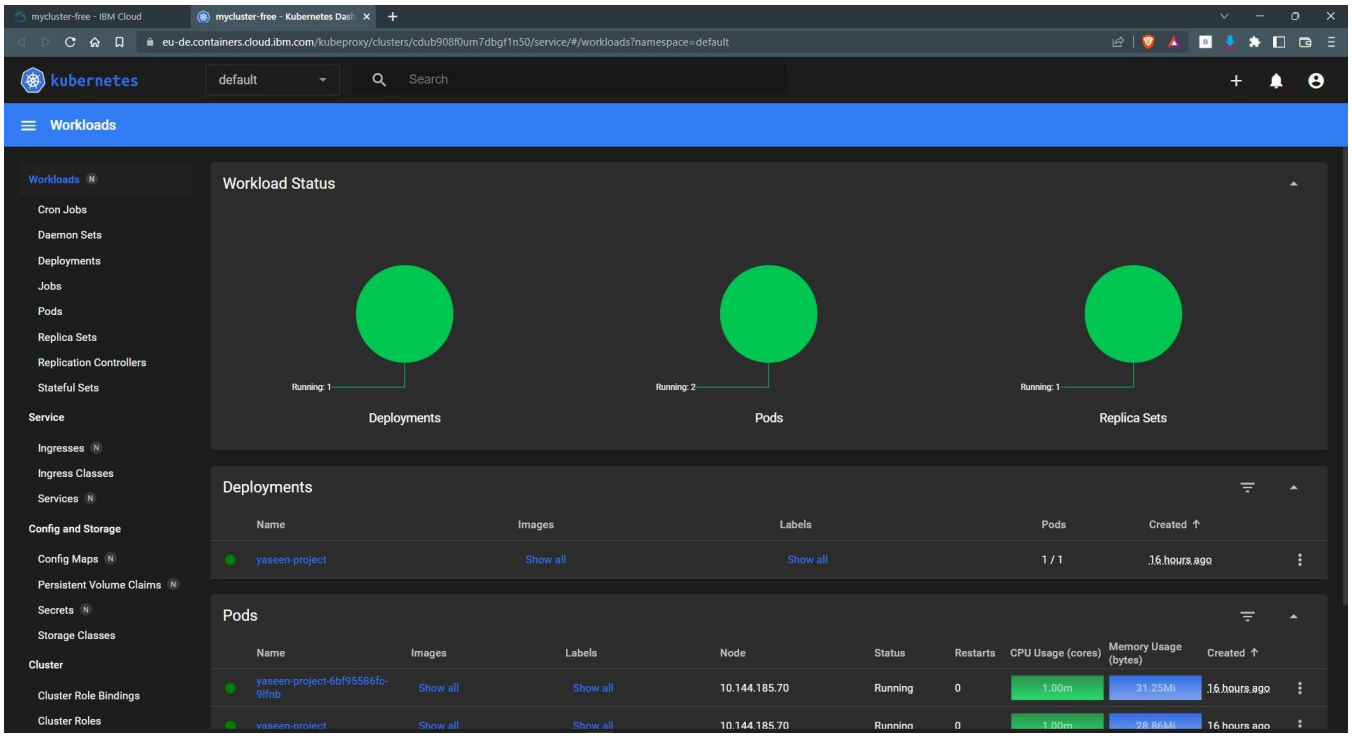


View the Public IP and Port Number:





Kubernetes Dashboard:



Visit the Public IP and Port Number of Project: