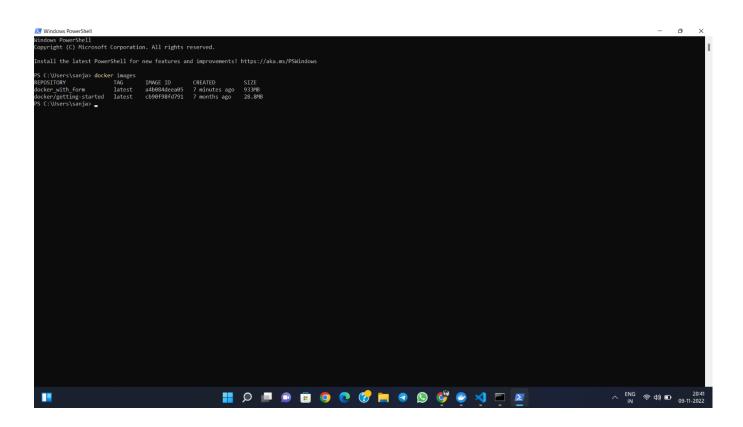
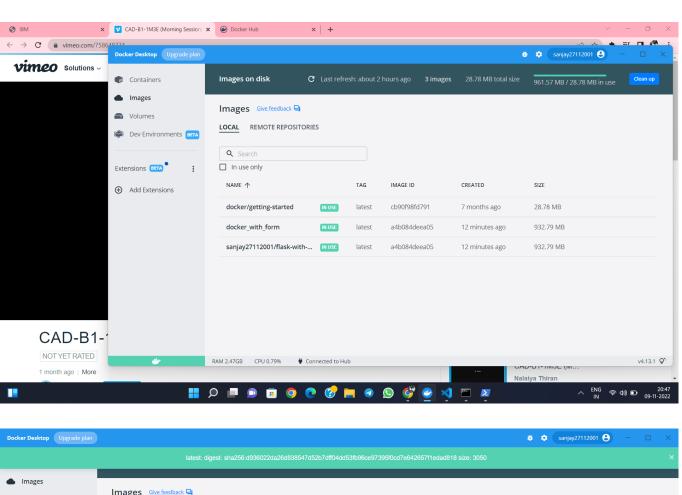
Assignment-4

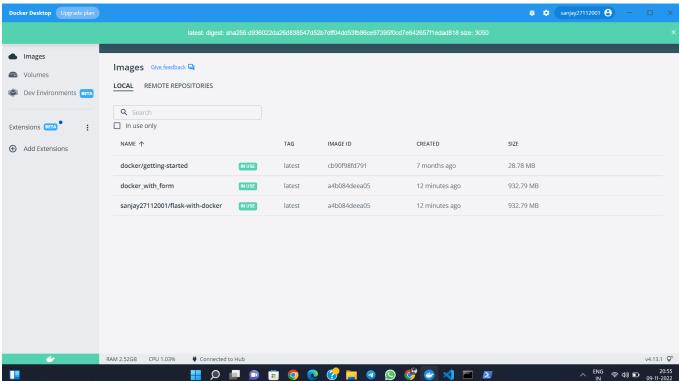
Assignment Date	29 October 2022
Student Name	Sanjay S
Student Roll Number	610519104087
Maximum Marks	2 Marks

Question:

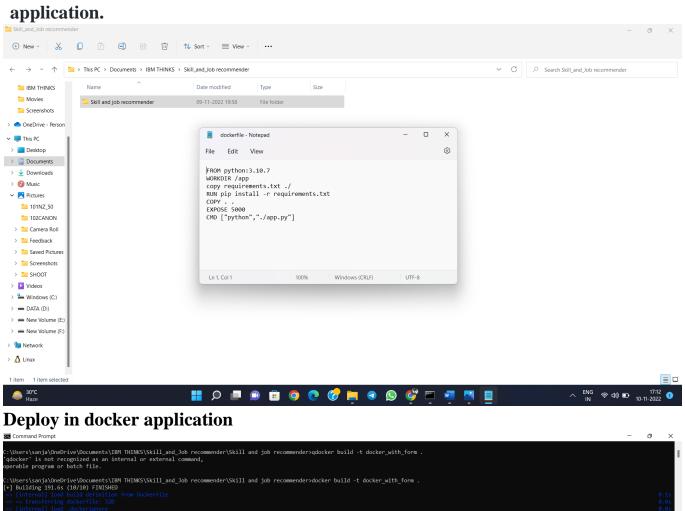
1. Pull an Image from docker hub and run it in docker playground.

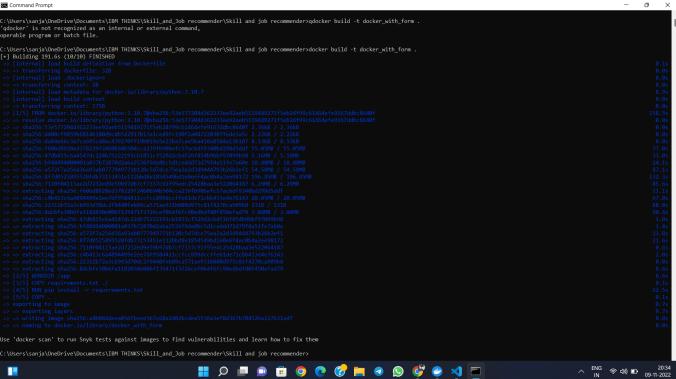




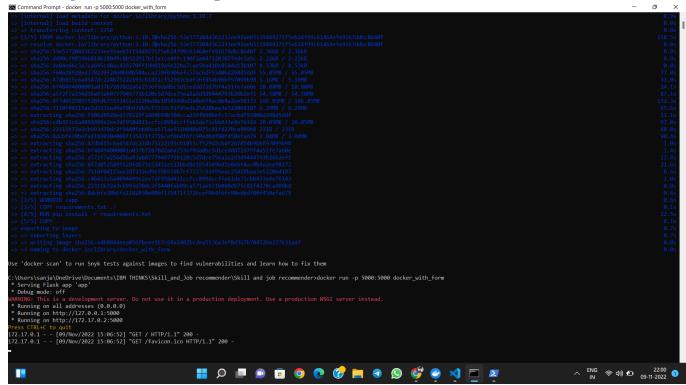


2. Create a docker file for the job portal application and deploy it in Docker desktop

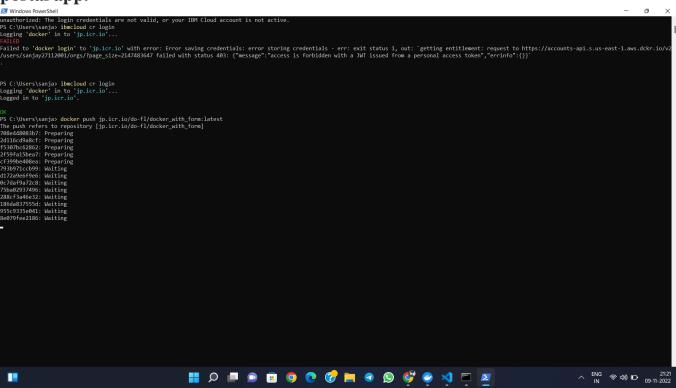


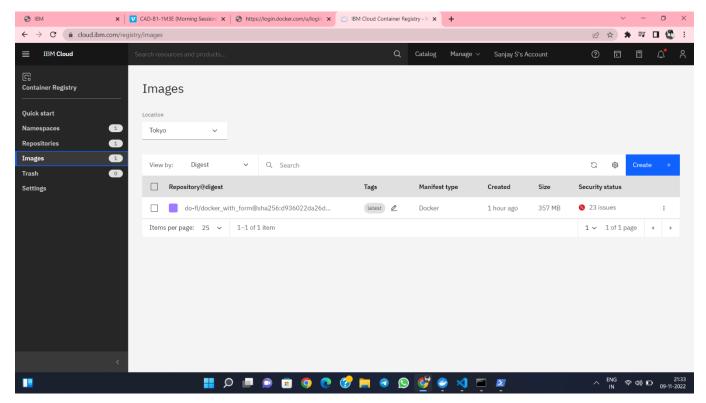


Running in docker desktop

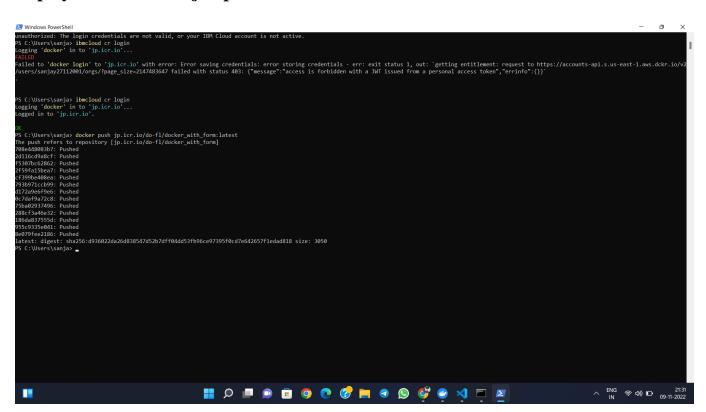


3. Create a IBM container registry and deploy hello world app or job portal app.



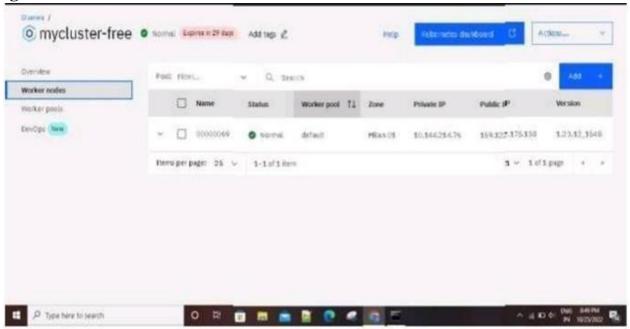


Deploy hello world or job portal



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.

Creating a Kubernetes cluster in IBM cloud



Expose the same app to run in noteport

```
C:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
deployment.apps/flask-app created
C:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
deployment.apps/flask-app created
C:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
c:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
c:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
c:\Users\gani\Desktop>kubectl apply -f C:\Users\gani\Desktop\deploy.yaml
```

De Service "flak service" is invalid: metadata name; Invalid value: "flak, service"; a 900-1895 label must consist of lower case alphanuments characters or '.', start with an alphanuments character (e.g. 'my-name', ar '000-1895 label must consist of lower case alphanuments character (e.g. 'my-name', ar '000-1895 label must consist of lower case alphanuments character (e.g. 'my-name', ar '000-1895 label must consist of lower case alphanuments character (e.g. 'my-name', ar '000-1895 label must consist of lower case alphanuments character (e.g. 'my-name', ar 'dec'121', regax used for validation is '[a-2][(-a-18-9]*2-18-9])?')

Childhodous laystem27 label to a label must consist of lower case alphanuments character (e.g. 'my-name', ar 'dec'122', regax used for validation is '[a-2][(-a-18-9]*2-18-9])?')

Childhodous laystem27 labelet | exoper deployment flaks app 'spendodePort 'smax-flak service'; a 1900-1905 label must consist of lower case alphanuments character (e.g. 'my-name', ar 'dec'123', regax used for validation is '[a-2][(-a-18-9]*2-18-9]*2-18-9]*2-18-9]*2-18-91*2-1