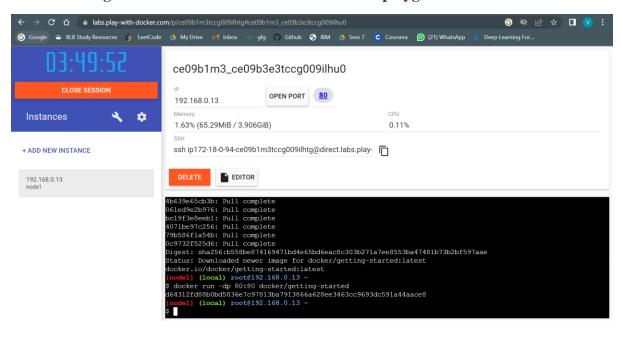
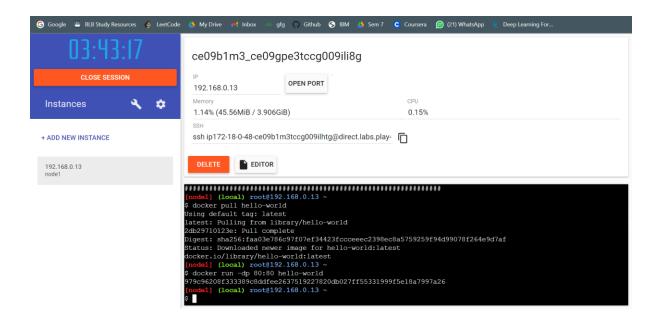
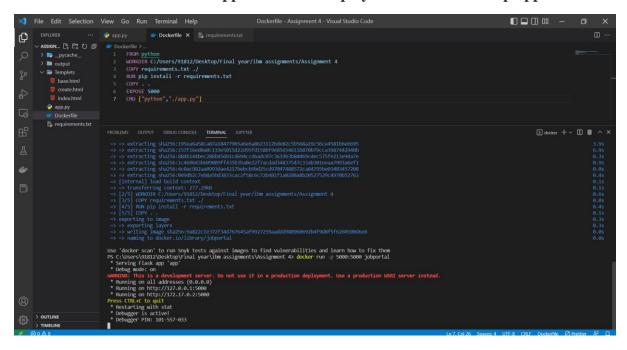
#### **ASSIGNMENT 4 – OUTPUT SCREENSHOTS**

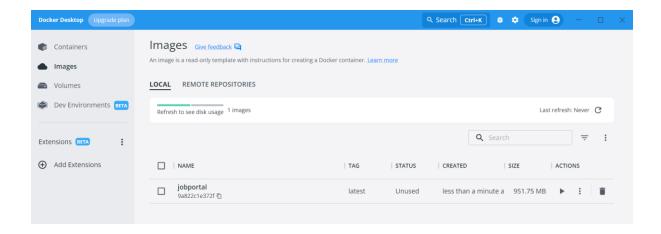
1.Pull an Image from docker hub and run it in docker playground.

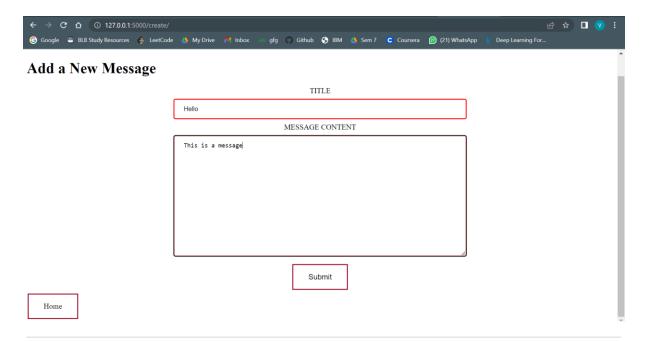




## 2. Create a docker file for the application and deploy it in Docker desktop application.







#### **HELLO!**

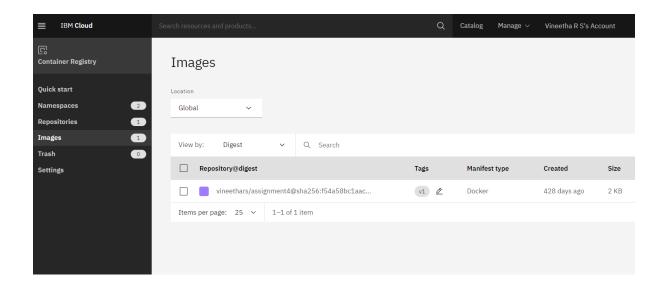
#### WRITE YOUR MESSAGES



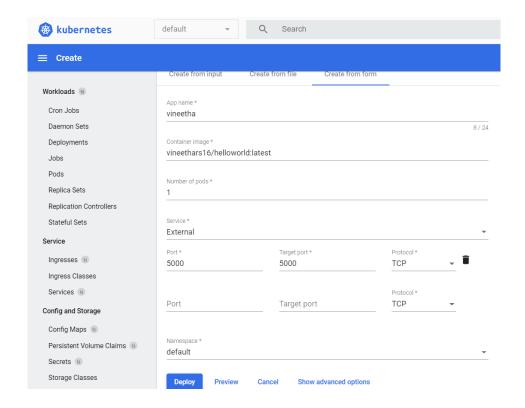
### 3. Create a IBM container registry and deploy helloworld app or jobportalapp.

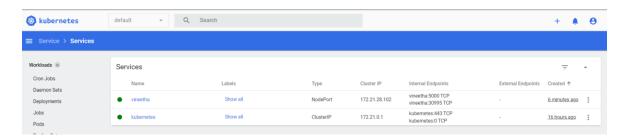
```
TERMINAL
 PROBLEMS
                OUTPUT
                             DEBUG CONSOLE
API endpoint:
                             https://cloud.ibm.com
                             eu-gb
2019506115@smartinternz.com
Vineetha R S's Account (3ec6588f55b348988636282ff00884a9)
No resource group targeted, use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe target -g RESOURCE_GROUP'
Region:
User:
Resource group:
CF API endpoint:
Org:
Space:
PS C:\Users\91812\Documents\kubernetes> ibmcloud cr region-set global The region is set to 'global', the registry is 'icr.io'.
No resource group is targeted. Therefore, the default resource group for the account ('Default') is targeted.
Adding namespace 'vineetha' in resource group 'Default' for account Vineetha R S's Account in registry icr.io...
Successfully added namespace 'vineetha'
PS C:\Users\91812\Documents\kubernetes> ibmcloud cr login Logging 'docker' in to 'icr.io'...
Logged in to 'icr.io'.
PS C:\Users\91812\Documents\kubernetes> docker pull hello-world
Using default tag: latest
latest: Pulling from library/hello-world
2db29710123e: Pull complete
Digest: sha256:faa03e786c97f07ef34423fccceeec2398ec8a5759259f94d99078f264e9d7af Status: Downloaded newer image for hello-world:latest docker.io/library/hello-world:latest PS C:\Users\91812\Documents\kubernetes> docker image ls
REPOSITORY
                                     IMAGE ID
                                                           CREATED
jobportal latest 474b753146a0 About an hour ago 952MB
hello-world latest feb5d9fea6a5 14 months ago 13.3kB
PS C:\Users\91812\Documents\kubernetes> docker tag hello-world icr.io/vineethars/assignment4:v1
PS C:\Users\91812\Documents\kubernetes> docker push icr.io/vineethars/assignment4:v1
The push refers to repository [icr.io/vineethars/assignment4]
v1: digest: sha256:f54a58bc1aac5ea1a25d796ae155dc228b3f0e11d046ae276b39c4bf2f13d8c4 size: 525 PS C:\Users\91812\Documents\kubernetes>
```

☐   NAME	TAG	STATUS	CREATED	SIZE	ACTIONS	
jobportal 474b753146a0 位	latest	<u>In use</u>	about 1 hour ago	952.02 MB	<b>&gt;</b> :	Î
□ hello-world feb5d9fea6a5 □	latest	Unused	about 1 year ago	13.26 KB	<b>&gt;</b> :	Î
☐ icr.io/vineethars/assignment4 feb5d9fea6a5 ☐	v1	Unused	about 1 year ago	13.26 KB	<b>&gt;</b> :	Î

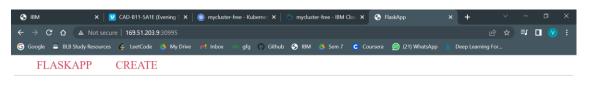


# 4.Create a Kubernetes cluster in IBM cloud and deploy helloworld image or jobportal image and also expose the same app to run in nodeport.





#### App deployed and exposed on http://169.51.203.9:30995/



#### **HELLO!**

#### WRITE YOUR MESSAGES



