



ASSIGNMENT 4

TEAM ID	PNT2022TMID03350
PROJECT NAME	NUTRITION ASSISTANT APPLICATION
TEAM LEADER	S.SAIDINEESHA
TEAM MEMBERS	P.KEERTHI PRIYA S.NISCHITHA P.MONEESH

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

03:57:32

CLOSE SESSION

Instances  

+ ADD NEW INSTANCE


192.168.0.8
node1

cddvksm0_cddvkvmm0qau000a07j5g

IP: 192.168.0.8

OPEN PORT

Memory: 1.24% (49.52MiB / 3.906GiB) CPU: 0.31%

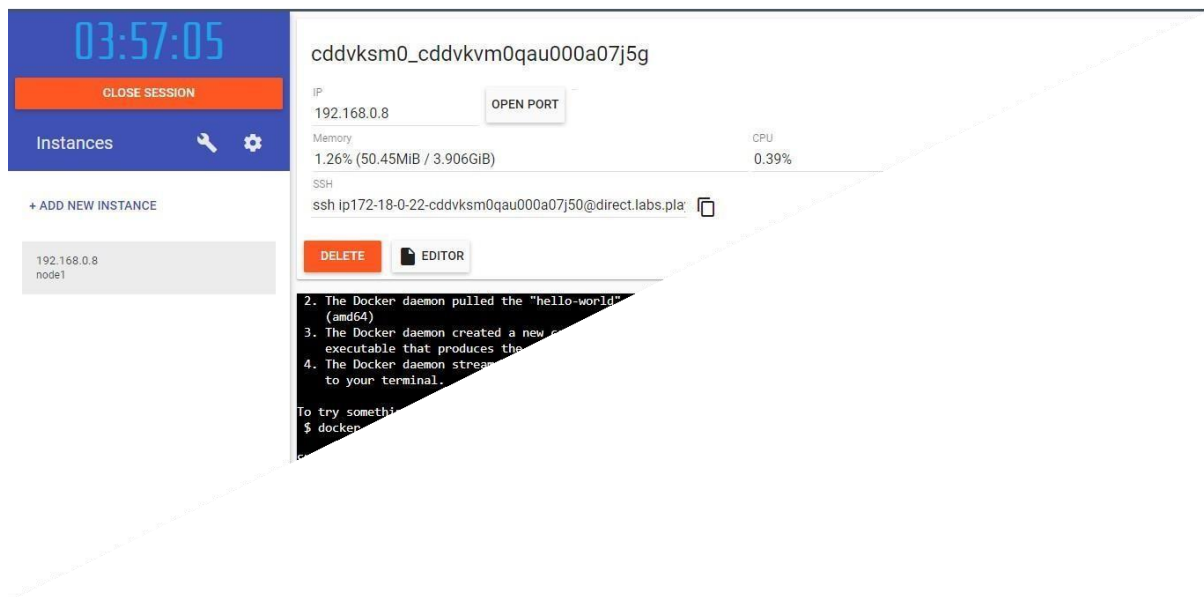
SSH: ssh ip172-18-0-22-cddvksm0qau000a07j50@direct.labs.pla 

DELETE

EDITOR


```
#####
#                               #
# WARNING!!!                    #
# This is a sandbox environment. Using personal credentials #
# is HIGHLY! discouraged. Any consequences of doing so are #
# completely the user's responsibilities.                    #
# The PwD team.                                                  #
#####
[node1] (local) root@192.168.0.8 ~
$ docker pull hello-world
Using default tag: latest
latest: Pulling from library/hello-world
2db29710123e: Pull complete
Digest: sha256:e18f0a777aefabe047a671ab3ec3eed05414477c951ab1a6f352a06974245fe7
Status: Downloaded newer image for hello-world:latest
docker.io/library/hello-world:latest
[node1] (local) root@192.168.0.8 ~
$ docker run hello-world
```


Activate Windows
Go to Settings to activate Windows.




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

OUTPUT


 Find Jobs



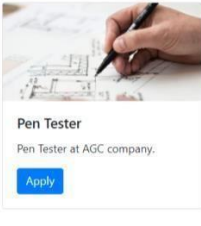
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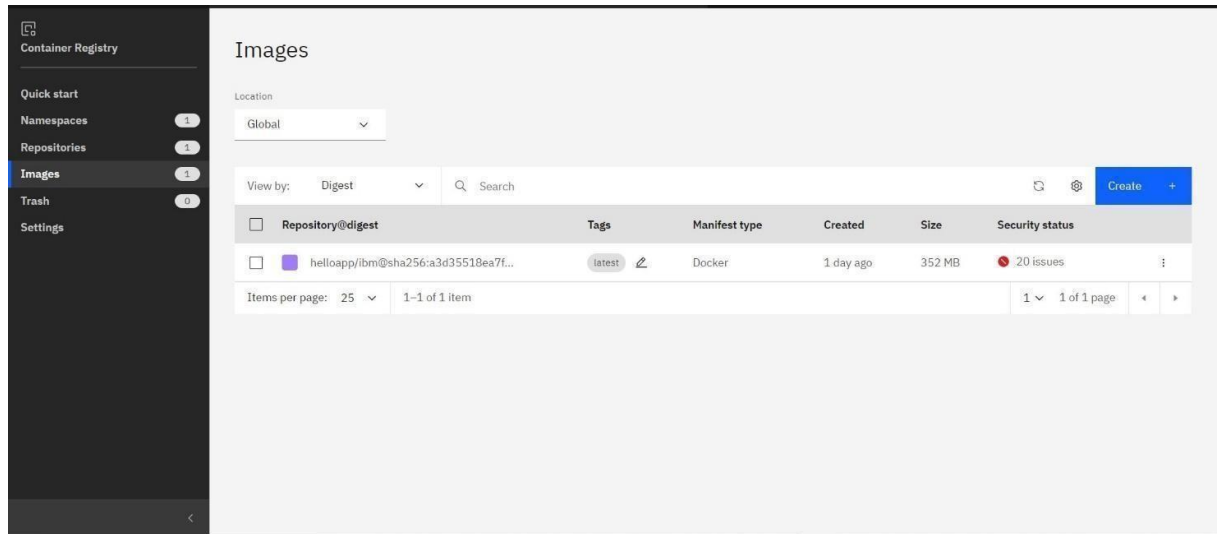


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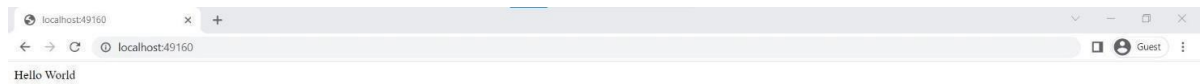


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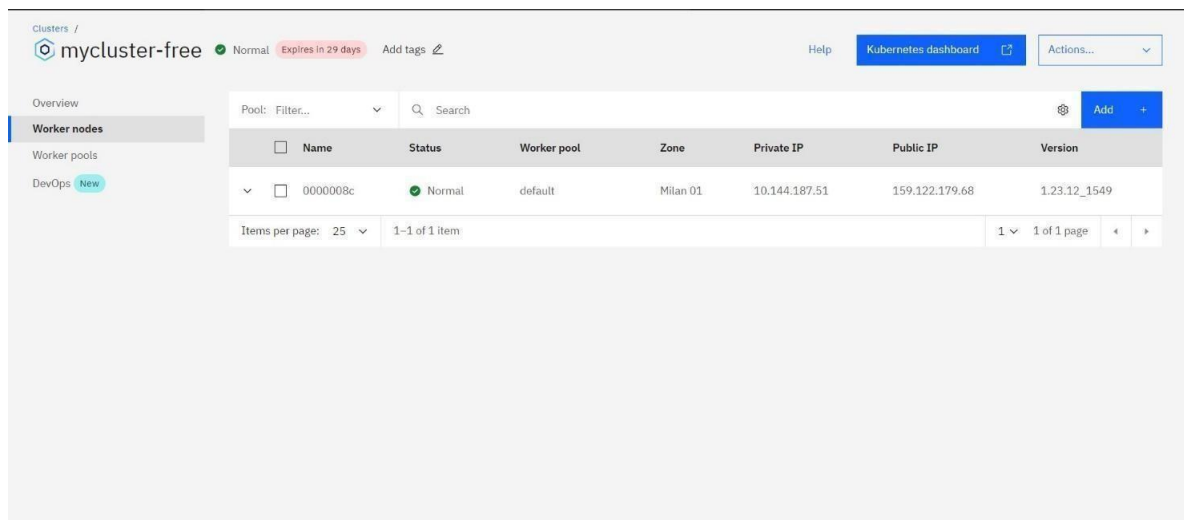
3. Create a IBM container registry and deploy hello world app or job port app.




OUTPUT




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.




OUTPUT


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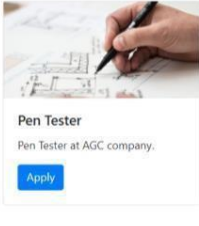
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