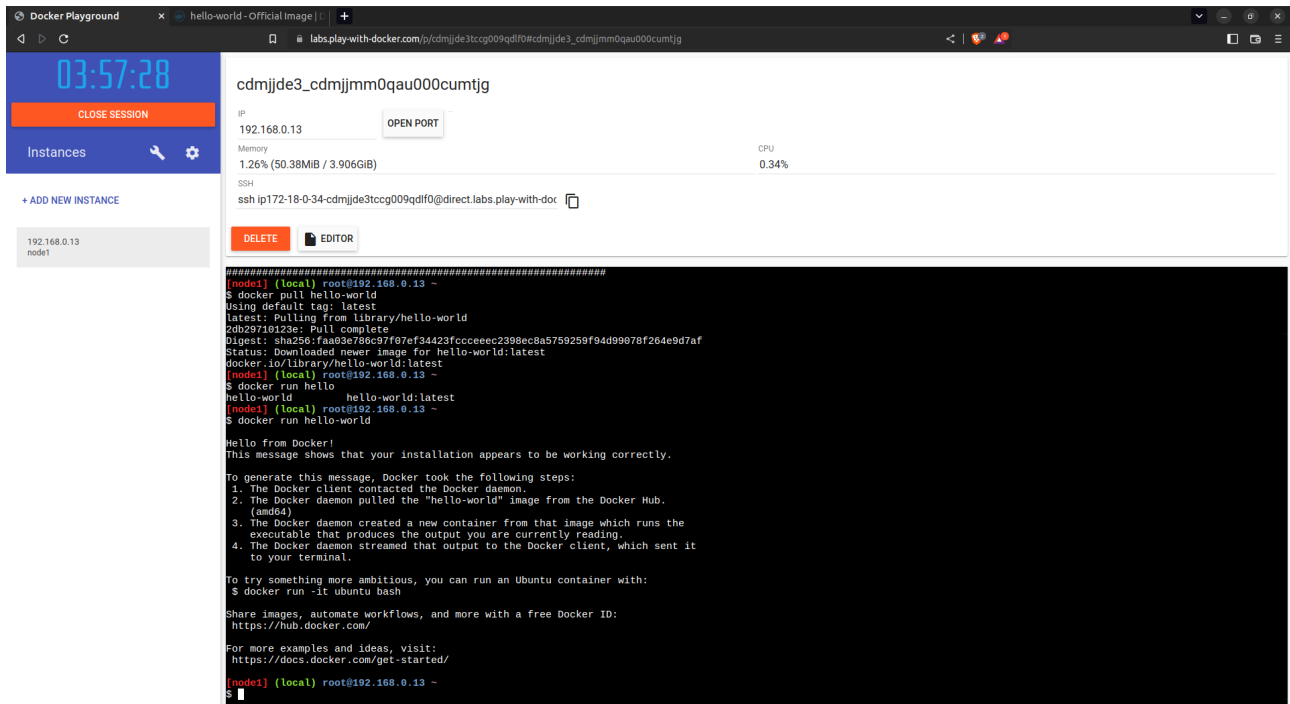
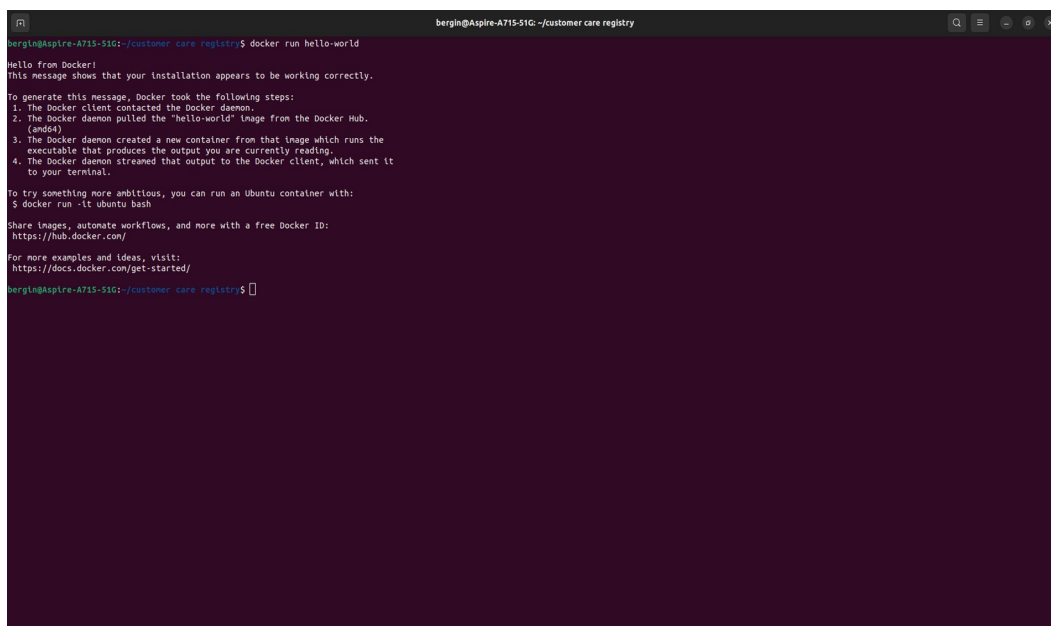


Assignment-4

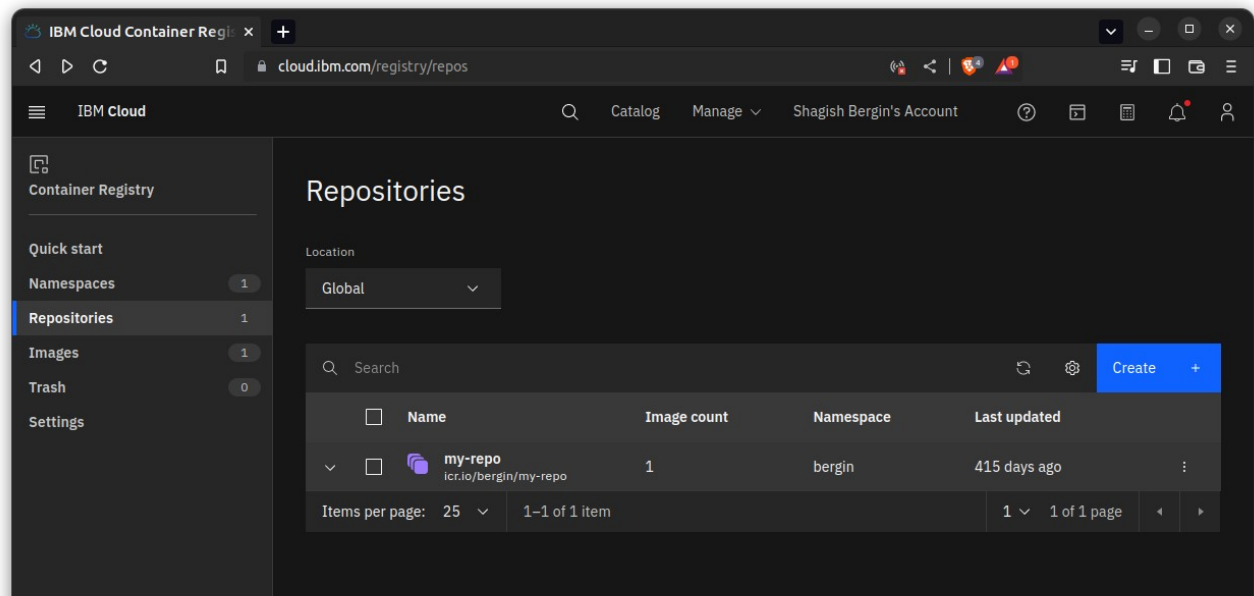
1.Pull an Image from docker hub and run it in docker playground.



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



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



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

```
bergin@Aspire-A715-51G: ~
e replaced with beta-structured commands.
storage [Beta] View and modify storage resources.

Enter 'ibmcloud ks help [command]' for more information about a command.
bergin@Aspire-A715-51G:~$ ibmcloud cs worker
NAME:
    ibmcloud ks worker - View and modify worker nodes for a cluster.
USAGE:
    ibmcloud ks worker command [arguments...] [command options]

COMMANDS:
    add      Add a worker node to a cluster. The IBM Cloud account will be charged. Several flags can be omitted if
all of the workers in the cluster are uniform. This command is deprecated. Create a worker pool by running 'ibmcloud
d ks worker-pool create' or add workers to an existing worker pool by running 'ibmcloud ks worker-pool resize'.
    get      View the details of a worker node.
    ls       List all worker nodes in a cluster.
    reboot   Restart a worker node.
    reload   Delete the data, reimage, and reinstall Kubernetes with the latest patch version on a worker node in a
classic cluster. This action cannot be undone.
    replace  Delete a worker node and replace it with a new worker node in the same worker pool.
    rm       Remove a worker node from a cluster.
    update   Update one or more worker nodes in a classic cluster to a new Kubernetes version. During the update, t
he worker node is updated with the latest image and data is permanently deleted if not stored on persistent storage.

Enter 'ibmcloud ks worker help [command]' for more information about a command.
bergin@Aspire-A715-51G:~$ ibmcloud cs worker ls --cluster cdp1jaof09q28rlfjr6g
OK
ID                                Public IP      Private IP     Flavor    State    Status
Zone    Version
kube-cdp1jaof09q28rlfjr6g-myclusterfr-default-000000be  159.122.186.182  10.144.195.141  free     normal   Ready
mil01   1.24.7_1543
bergin@Aspire-A715-51G:~$
```