Setting up Application Environment

Install IBM Cloud CLI

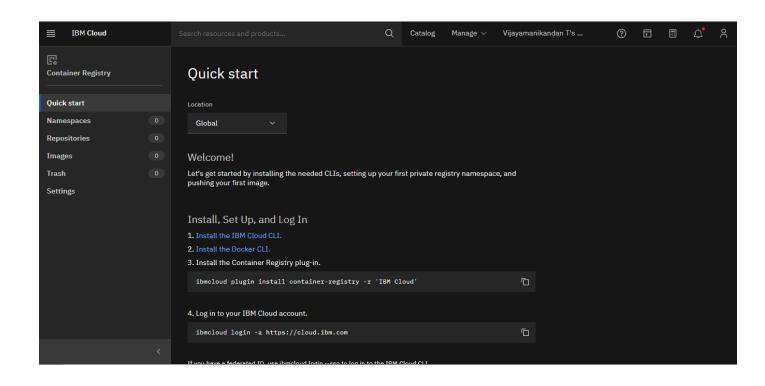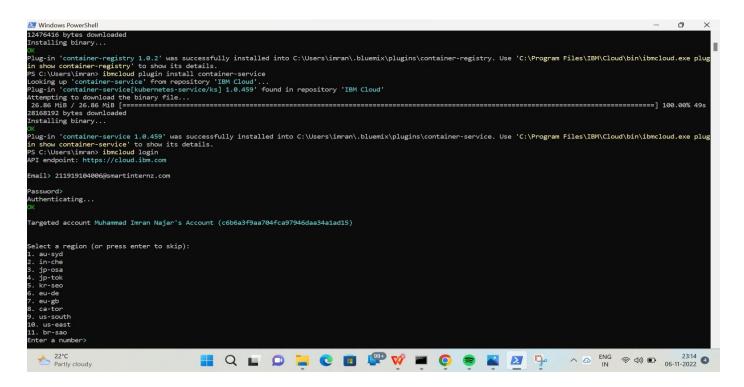| Team ID	PNT2022TMID48837
Project Name	Skill / Job Recommender Application
Date	21 October 2022

Step 1: First login with **cloud.ibm.com.**

Next search with Container Registry in IBM search catalog

Step 2: Next click Get started button Next
click Install the IBM Cloud CLI.

Search resources and products...

Container Registry

Quick start

Namespaces   0

Repositories   0

Images   0

Trash   0

Settings

Quick start

Location

Global ⌄

Welcome!

Let's get started by installing the needed CLIs, setting up your first private registry namespace, and pushing your first image.

Install, Set Up, and Log In

1. Install the IBM Cloud CLI.
2. Install the Docker CLI.
3. Install the Container Registry plug-in.

```
ibmcloud plugin install container-registry -r 'IBM Cloud'
```

4. Log in to your IBM Cloud account.

```
ibmcloud login -a https://cloud.ibm.com
```

If you have a federated ID, use ibmcloud login --sso to log in to the IBM Cloud CLI.

Step 3: In cloud CLI there is list of commands insert the into our windows command prompt

```
Windows PowerShell                                                                                              —  □  ×

Not Installed   logging                                    0.0.8, 0.0.7, 0.0.6...    Manage IBM Cloud logging
Not Installed   cloudant[cl]                               0.0.6, 0.0.5, 0.0.4...    Manage Cloudant service
Not Installed   hpcs-cert-mgr[hpcs-cert-mgr]               1.0.0                     Manage the client certificates for IBM Cloud Hyper Protect Crypto Services
Not Installed   atracker[at]                               0.2.17, 0.2.12, 0.1.13... Manage IBM Cloud Activity Tracker
Not Installed   analytics-engine-v3[ae-v3]                 2.0.0, 1.0.9, 1.0.5...    Manage serverless Spark instances and run applications
Not Installed   cra[cra]                                   1.0.4, 1.0.3, 1.0.2...    Integrate with Code Risk Analyzer
Not Installed   event-notifications[en/event-notifications] 0.1.2, 0.1.1, 0.1.0...   IBM Cloud Event Notifications.
Not Installed   dvaas[watson-query]                        1.0.2                     Manage data virtualization as a service
Not Installed   hpnet                                      1.0.2, 1.0.1              Manage Hyper Protect Secure Network
Not Installed   qiskit-runtime[qr]                         0.1.5                     [Beta] Manage Qiskit Runtime
Not Installed   hpcs                                       0.0.1                     Manage Hyper Protect Crypto Services Instances
Not Installed   cbr                                        1.1.0, 1.0.0              Manage Context Based Restrictions
Not Installed   privileged-access-gateway[pag]             1.2.2, 1.2.1              [Experimental] Manage Privilege Access Gateway

Use C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin update PLUGIN_NAME -r REPO_NAME to update a plugin from a repo.
Use C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin update --all -r REPO_NAME to upgrade all available plugins from a repo.

PS C:\Users\imran> ibmcloud plugin install code-engine
Looking up 'code-engine' from repository 'IBM Cloud'...
Plug-in 'code-engine 1.40.0' found in repository 'IBM Cloud'
Attempting to download the binary file...
 51.43 MiB / 51.43 MiB [=========================================================================] 100.00% 1m56s
53929472 bytes downloaded
Installing binary...
OK
Plug-in 'code-engine 1.40.0' was successfully installed into C:\Users\imran\.bluemix\plugins\code-engine. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show code-engine' to show its details.
PS C:\Users\imran> ibmcloud plugin install code-engine
Looking up 'code-engine' from repository 'IBM Cloud'...
Plug-in 'code-engine 1.40.0' found in repository 'IBM Cloud'
Plug-in 'code-engine[ce] 1.40.0' was already installed. Do you want to update it with 'code-engine 1.40.0' or not? [y/N] > y
Attempting to download the binary file...
 51.43 MiB / 51.43 MiB [=========================================================================] 100.00% 2m50s
53929472 bytes downloaded
Installing binary...
OK
Plug-in 'code-engine 1.40.0' was successfully installed into C:\Users\imran\.bluemix\plugins\code-engine. Use 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin show code-engine' to show its details.
PS C:\Users\imran> ibmcloud plugin install ./code-engine-darwin-amd64-1.23.2
Looking up './code-engine-darwin-amd64-1.23.2' from repository 'IBM Cloud'...
```

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