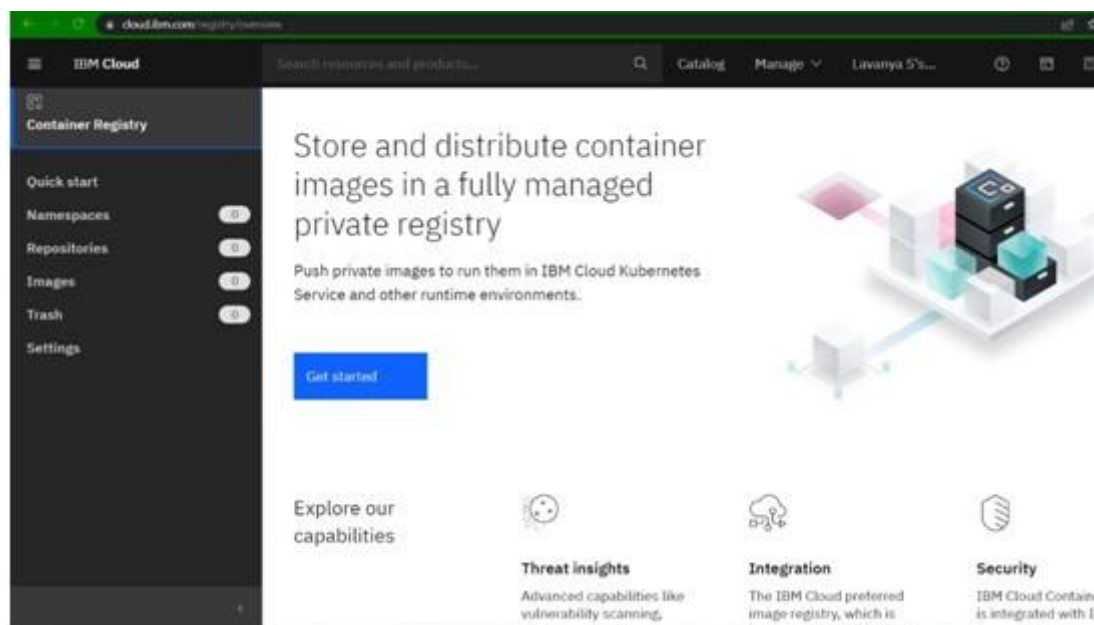


SETTING UP APPLICATION ENVIRONMENT

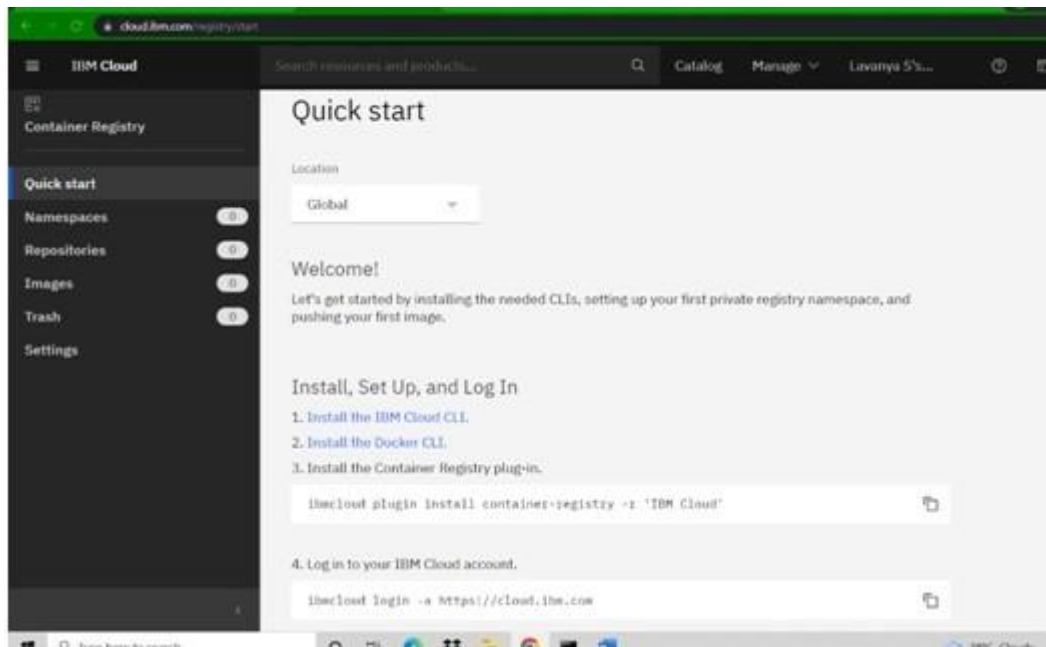
INSTALL IBM CLOUD CLI

DATE	08/11/2022
TEAM ID	PNT2022TMID12411
PROJECT NAME	PERSONAL EXPENSE TRACKER APPLICATION

STEP 1: Login with ibm.cloud and search container registry



STEP 2: Select Quick Start and Install IBM Cloud CLI



STEP 3: In Command prompt type the command ibmcloud

```
Command Prompt
C:\Users\USER>ibmcloud
NAME:
  ibmcloud - A command line tool to interact with IBM Cloud
  Find more information at: https://ibm.biz/cli-docs

USAGE:
  [environment variables] ibmcloud [global options] command [arguments...] [command options]

VERSION:
  2.8.0+1d758b0-2022-06-22T20:24:58+00:00

COMMANDS:
  account      Manage accounts, users, orgs and spaces
  api          Set or view target API endpoint
  app          [Deprecated] Manage Cloud Foundry applications and application related domains and routes.
  billing      Retrieve usage and billing information
  catalog      Manage catalog
  cf           Run Cloud Foundry CLI with IBM Cloud CLI context
  config       Write default values to the config
  dev          Create, develop, deploy, and monitor applications
  enterprise   Manage enterprise, account groups and accounts.
  iam          Manage identities and access to resources
  login        Log user in
  logout       Log user out
  plugin       Manage plug-ins and plug-in repositories
  regions      List all the regions
  resource     Manage resource groups and resources
  service      [Deprecated] Manage Cloud Foundry services.
  sl           Manage Classic Infrastructure services
  target       Set or view the targeted region, account, resource group, org or space
  update       Update CLI to the latest version
  version      Print the version
  help, h      Show help

Enter 'ibmcloud help [command]' for more information about a command.

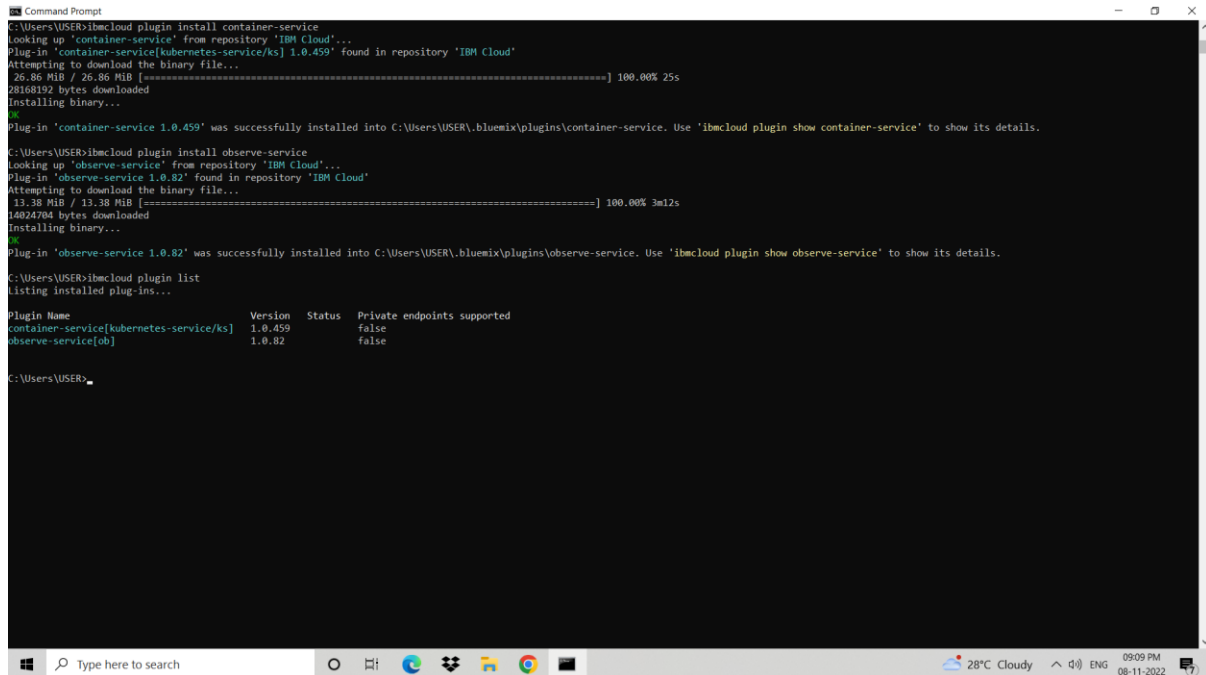
ENVIRONMENT VARIABLES:
  IBMCLCLOUD_COLOR=false          Do not colorize output
  IBMCLCLOUD_VERSION_CHECK=false  Do not check latest version for update
  IBMCLCLOUD_HTTP_TIMEOUT=5       A time limit for HTTP requests
  IBMCLCLOUD_API_KEY=api_key.value API Key used for login
  IBMCLCLOUD_CR_VPC_URL=url.value The custom server URL to use when obtaining an instance identity token and IAM token as a VPC VSI compute resource. This value will replace the default server endpoint of the VPC VSI instance identity token service.
  IBMCLCLOUD_CR_TOKEN=cr_token.value Compute resource token used for login. Can either be a token string or a path to a @file.
  IBMCLCLOUD_CR_PROFILE=profile.value The name, ID, or CRN of the linked trusted IAM profile to be used when obtaining the IAM access token. If authenticating as a VPC VSI compute resource, only specifying a trusted profile CRN or ID is supported.
  IBMCLCLOUD_TRACE=true           Print API request diagnostics to stdout
  IBMCLCLOUD_TRACE_PATH=path/to/trace.log Append API request diagnostics to a log file
  IBMCLCLOUD_HOME=path/to/dir      Path to config directory
```

STEP 4: Type the command

`ibmcloud plugin install container-service`

`ibmcloud plugin install observe-service`

`ibmcloud plugin list`



```
C:\Users\USER>ibmcloud plugin install container-service
Looking up 'container-service' from repository 'IBM Cloud'...
Plug-in 'container-service[kubernetes-service/ks] 1.0.459' found in repository 'IBM Cloud'
Attempting to download the binary file...
26.86 MiB / 26.86 MiB [=====] 100.00% 25s
28168192 bytes downloaded
Installing binary...
Plug-in 'container-service 1.0.459' was successfully installed into C:\Users\USER\bluemix\plugins\container-service. Use 'ibmcloud plugin show container-service' to show its details.

C:\Users\USER>ibmcloud plugin install observe-service
Looking up 'observe-service' from repository 'IBM Cloud'...
Plug-in 'observe-service 1.0.82' found in repository 'IBM Cloud'
Attempting to download the binary file...
13.38 MiB / 13.38 MiB [=====] 100.00% 3m12s
14024704 bytes downloaded
Installing binary...
Plug-in 'observe-service 1.0.82' was successfully installed into C:\Users\USER\bluemix\plugins\observe-service. Use 'ibmcloud plugin show observe-service' to show its details.

C:\Users\USER>ibmcloud plugin list
Listing installed plug-ins...

Plugin Name      Version  Status  Private endpoints supported
container-service[kubernetes-service/ks]  1.0.459  false
observe-service[ob]  1.0.82  false

C:\Users\USER>
```