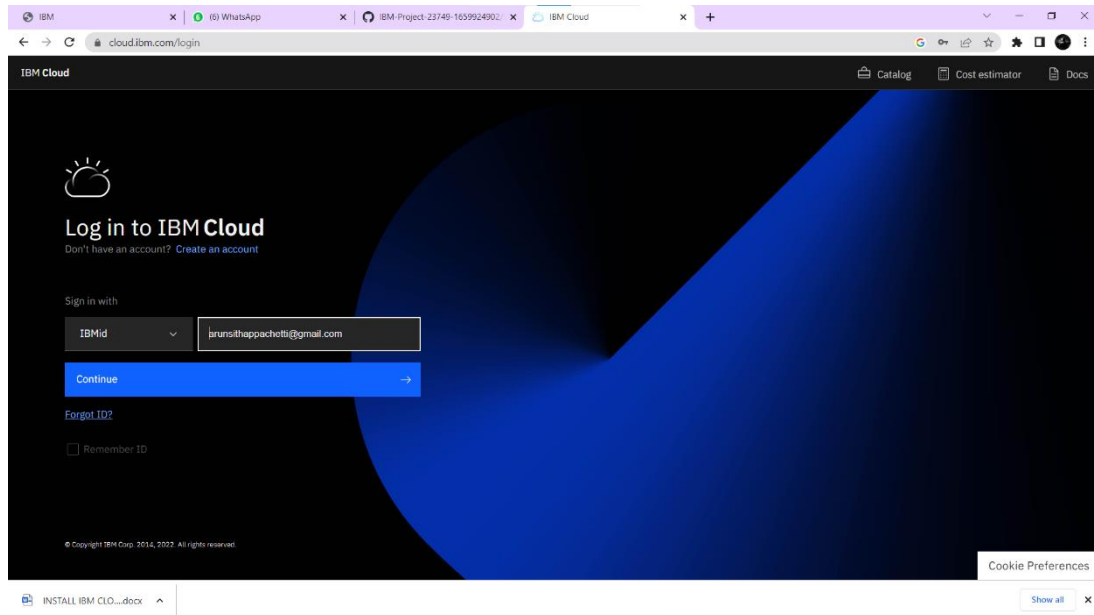


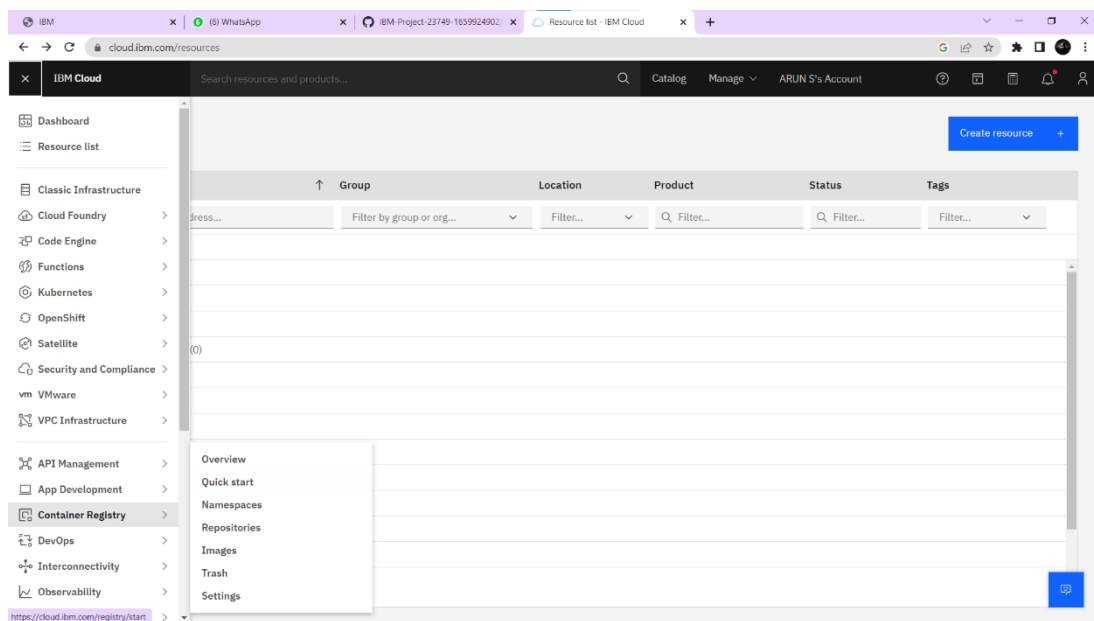
SETTING UP APPLICATION ENVIRONMENT

IBM CLOUD CLI INSTALLATION

Step1:Log in to the IBM cloud

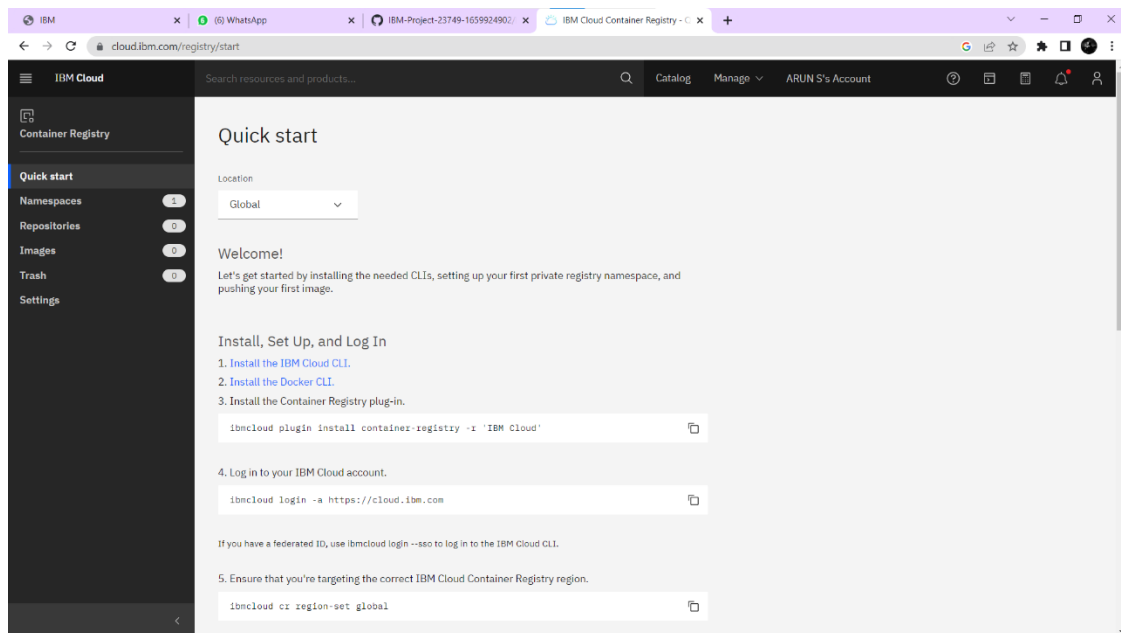


Step 2:Select container registry

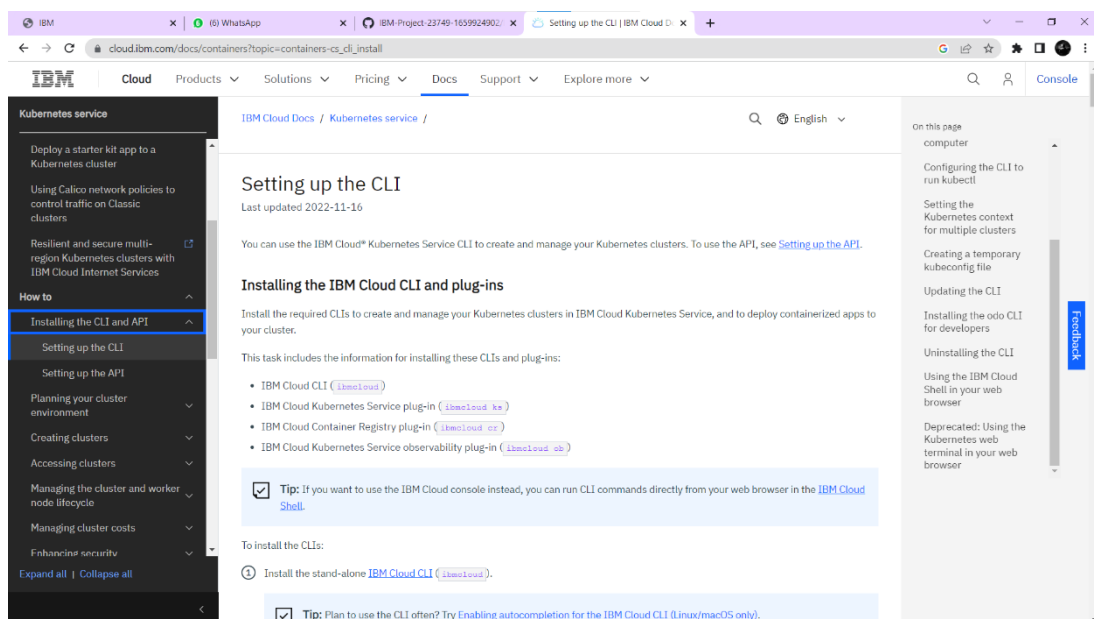


SETTING UP APPLICATION ENVIRONMENT

Step3: Select Quickstart to open container registry and click on install IBM Cloud CLI

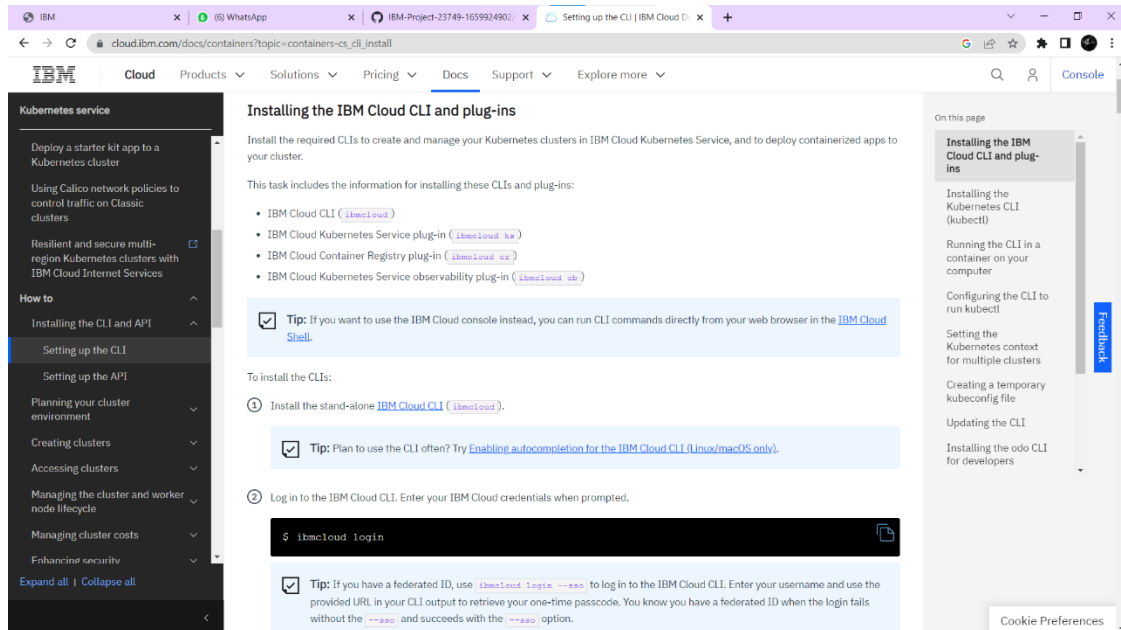


Step 4: Click on IBM Cloud CLI

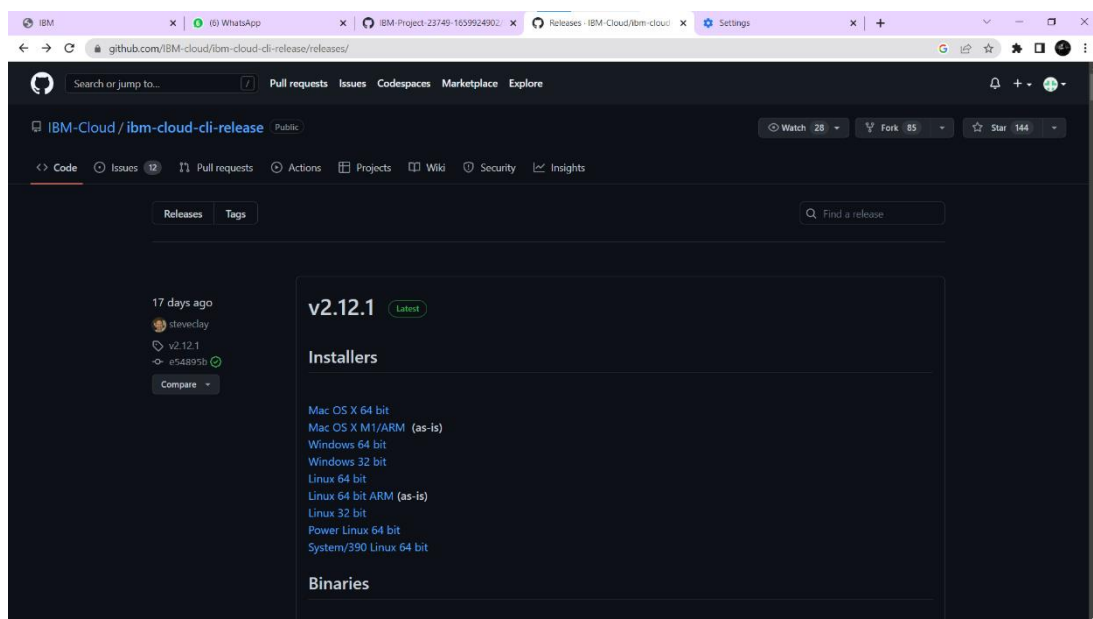


SETTING UP APPLICATION ENVIRONMENT

Step 5: And then, Click on IBM Cloud CLI releases

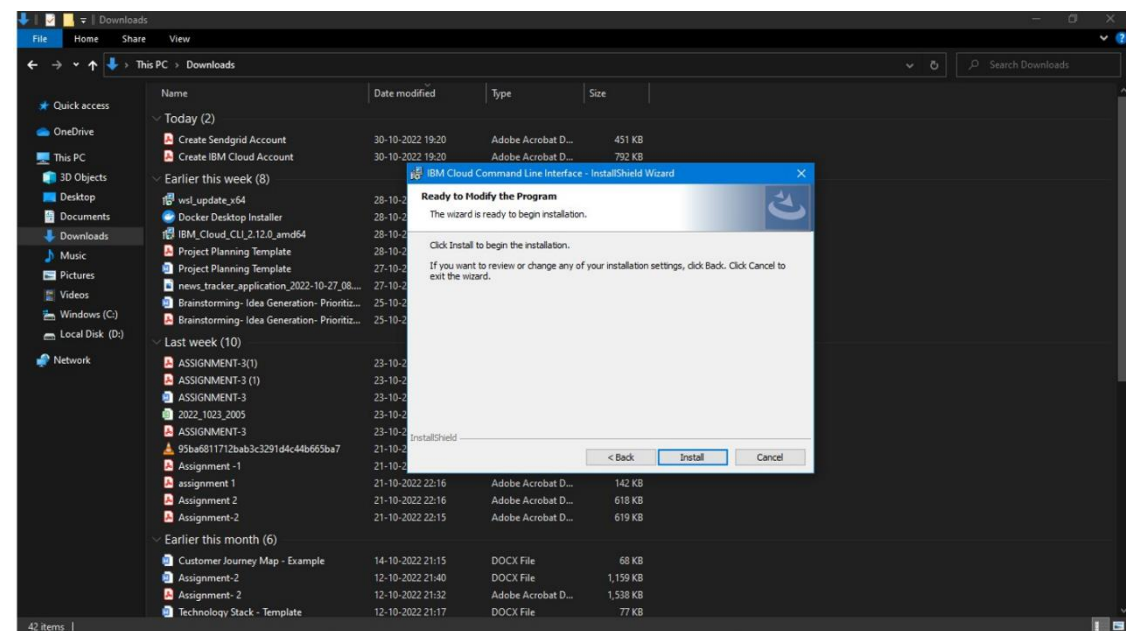
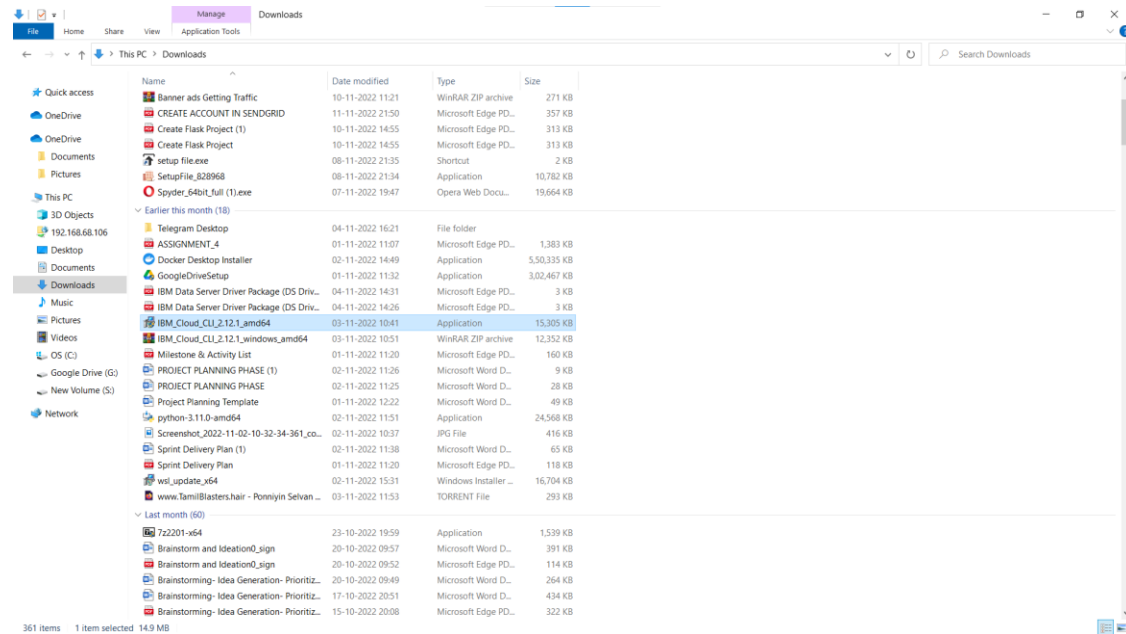


Step 6: After that, the github page will open and download the IBM CLI installer by selecting as per your system required installer.



SETTING UP APPLICATION ENVIRONMENT

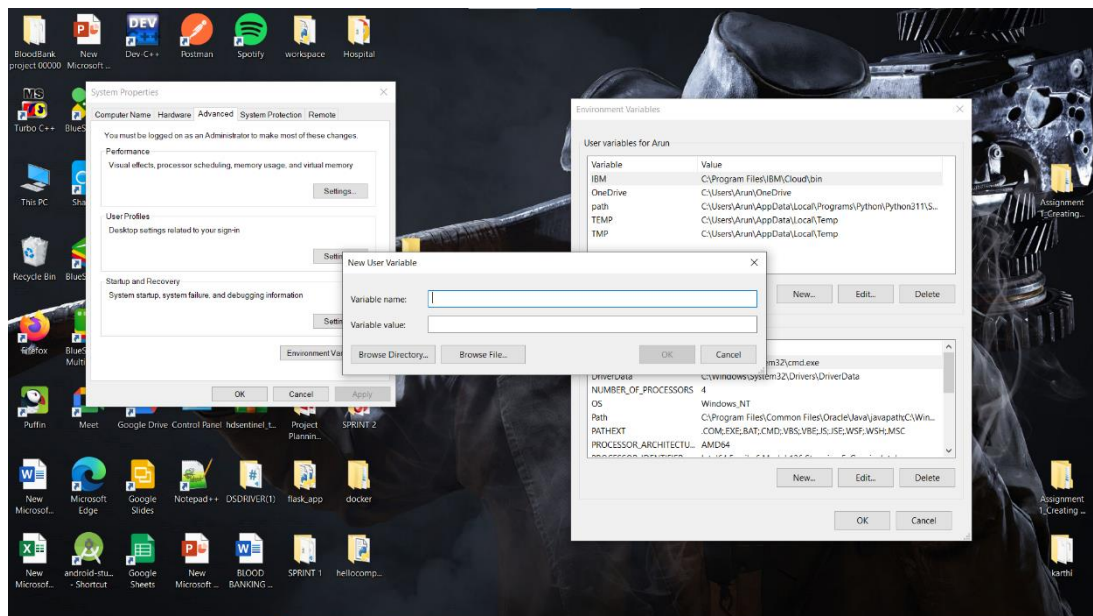
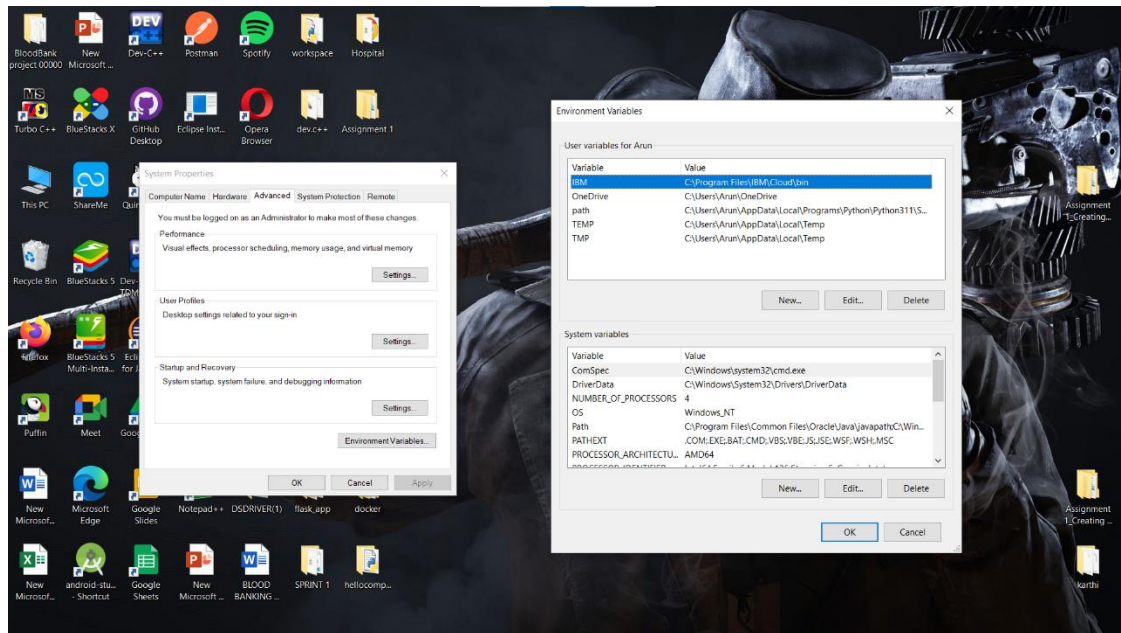
Step 7:After the download,Click the downloaded setup to run the installer



Step 8:After the installation set environment variable and then open CMD(Windows).Type this command to login in IBM cloud

“ibmcloud login”

SETTING UP APPLICATION ENVIRONMENT



In the variable name, name it as “IBM Cloud” and in variable value the path location of the IBM.

SETTING UP APPLICATION ENVIRONMENT

```
Microsoft Windows [Version 10.0.19042.1766]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Arun>ibmcloud login
API endpoint: https://cloud.ibm.com
Email> arunsiddhapachetty2002@gmail.com

Password>
Authenticating...
Credentials were rejected.
Code: B0X1P860ZE, message: The credentials you entered for the user 'arunsiddhapachetty2002@gmail.com' are incorrect.

Password>
Authenticating...
Targeted account ARUN S's Account (3118d7b14a1f4c368c74988972a9fc02)

Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> us
Please enter a number between 1 to 11.
Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> 9
Targeted region us-south

API endpoint: https://cloud.ibm.com
Region: us-south
```

Step9:Enter your IBM cloud email id and password ,Then it will authenticate and signals “OK”.The number of regions will displayed, select one of them for your targeted account.

```
Microsoft Windows [Version 10.0.19042.1766]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Arun>ibmcloud login
API endpoint: https://cloud.ibm.com
Email> arunsiddhapachetty2002@gmail.com

Password>
Authenticating...
Credentials were rejected.
Code: B0X1P860ZE, message: The credentials you entered for the user 'arunsiddhapachetty2002@gmail.com' are incorrect.

Password>
Authenticating...
Targeted account ARUN S's Account (3118d7b14a1f4c368c74988972a9fc02)

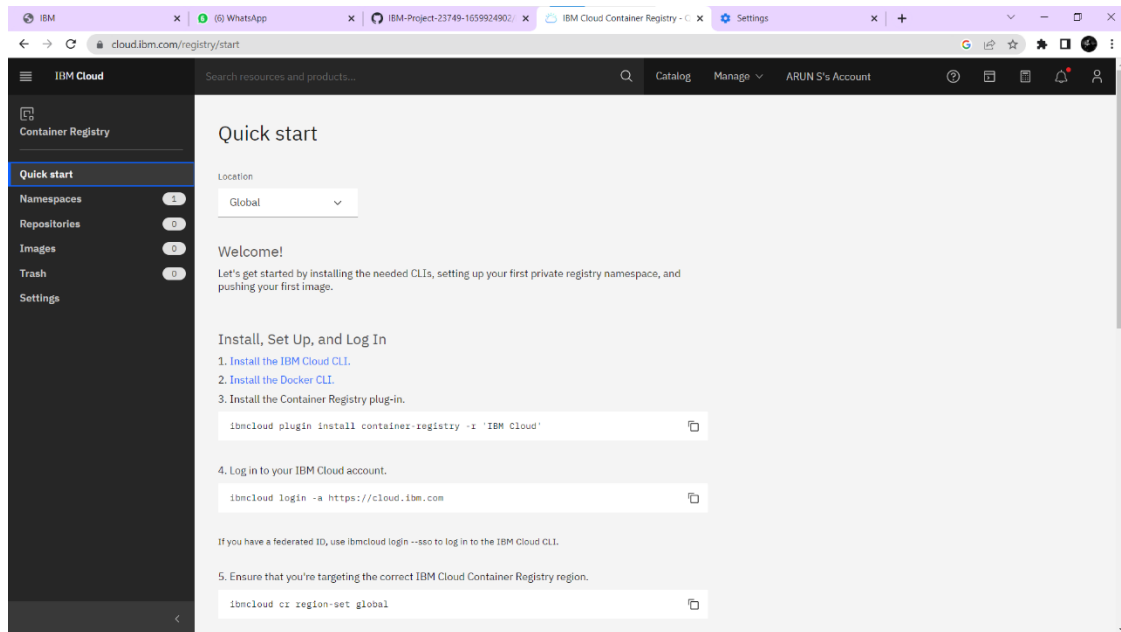
Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> us
Please enter a number between 1 to 11.
Select a region (or press enter to skip):
1. au-syd
2. in-che
3. jp-osa
4. jp-tok
5. kr-seo
6. eu-de
7. eu-gb
8. ca-tor
9. us-south
10. us-east
11. br-sao
Enter a number> 9
Targeted region us-south

API endpoint: https://cloud.ibm.com
Region: us-south
```

SETTING UP APPLICATION ENVIRONMENT

Step10: Then copy the plugin command in your container registry (where the command displayed in your container registry which is opened on web browser) and paste and run it on cmd.

“ibmcloud plugin install container-registry -r”



```
C:\WINDOWS\system32\CMD.exe
install - Install CLI plug-in

USAGE:
ibmcloud plugin install (PLUGIN_NAME | [-a, --all]) [-r REPO_NAME] [-v VERSION] [-f] [-q, --quiet]
ibmcloud plugin install LOCAL-PATH/TO/PLUGIN | URL [-f] [-q, --quiet]

If no repository is specified, the command uses the official plug-in repository 'IBM Cloud'.
If installing a single plugin and no version is specified, the command selects the latest available version to install.
If the '-a, --all' flag is specified, the command installs all latest available plugins in the repository.

EXAMPLE:
ibmcloud plugin install --all
ibmcloud plugin install --all -r MyRepo
ibmcloud plugin install http://example.com/downloads/my-plugin
ibmcloud plugin install ~/Downloads/my-plugin
ibmcloud plugin install plugin-echo
ibmcloud plugin install plugin-echo -v 1.0.0
ibmcloud plugin install plugin-echo -r MyRepo -v ~1.2
ibmcloud plugin install plugin-echo -v ">=0.3, <0.6" -f

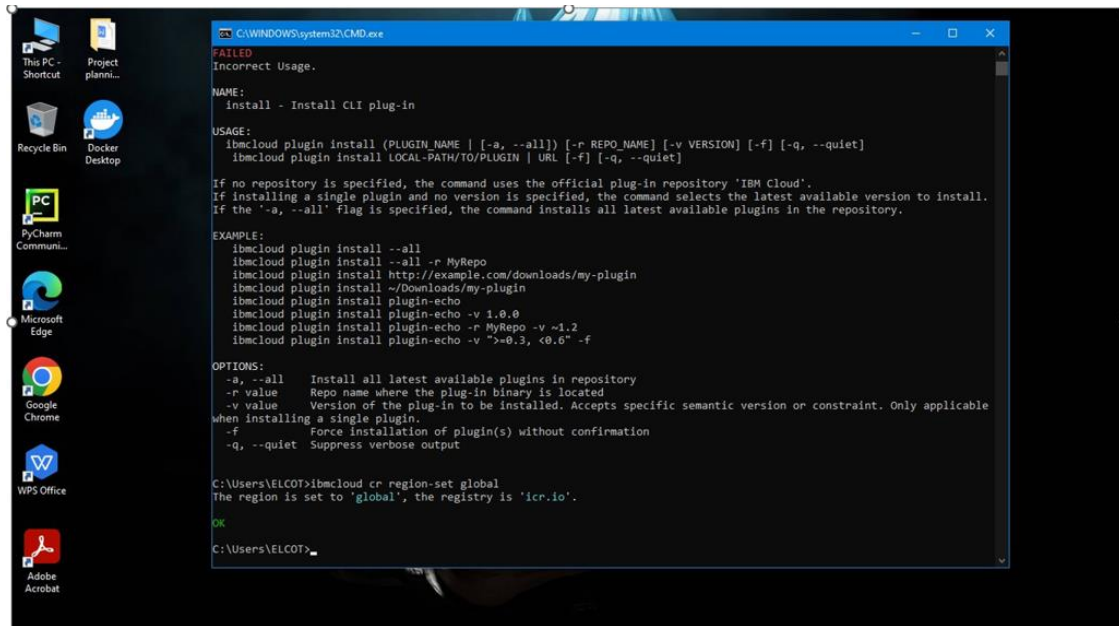
OPTIONS:
-a, --all      Install all latest available plugins in repository
-r value      Repo name where the plug-in binary is located
-v value      Version of the plug-in to be installed. Accepts specific semantic version or constraint. Only applicable
when installing a single plugin.
-f            Force installation of plugin(s) without confirmation
-q, --quiet    Suppress verbose output

C:\Users\ELCOT>
```

Step 11: Set your region to global .

“ibmcloud cr region-set global”

SETTING UP APPLICATION ENVIRONMENT



```
C:\WINDOWS\system32\CMD.exe
FAILED
Incorrect Usage.

NAME:
  install - Install CLI plug-in

USAGE:
  ibmcloud plugin install (PLUGIN_NAME | [-a, --all]) [-r REPO_NAME] [-v VERSION] [-f] [-q, --quiet]
  ibmcloud plugin install LOCAL-PATH/TO/PLUGIN | URL [-f] [-q, --quiet]

If no repository is specified, the command uses the official plug-in repository 'IBM Cloud'.
If installing a single plugin and no version is specified, the command selects the latest available version to install.
If the '-a, --all' flag is specified, the command installs all latest available plugins in the repository.

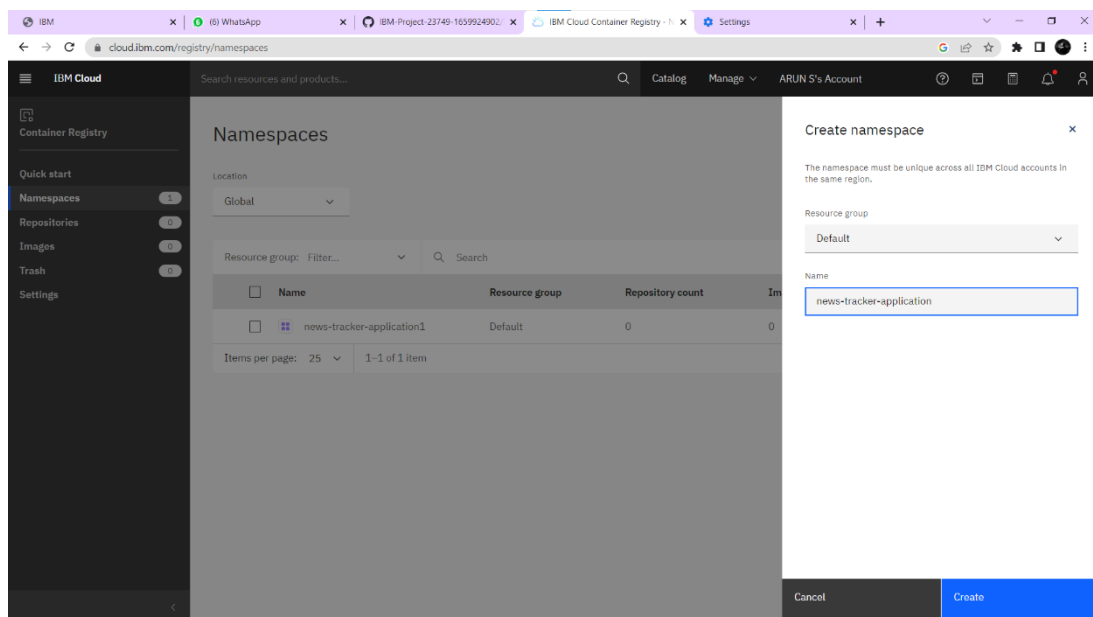
EXAMPLE:
  ibmcloud plugin install --all
  ibmcloud plugin install --all -r MyRepo
  ibmcloud plugin install http://example.com/downloads/my-plugin
  ibmcloud plugin install ~/Downloads/my-plugin
  ibmcloud plugin install plugin-echo
  ibmcloud plugin install plugin-echo -v 1.0.0
  ibmcloud plugin install plugin-echo -r MyRepo -v ~1.2
  ibmcloud plugin install plugin-echo -v ">=0.3, <0.6" -f

OPTIONS:
  -a, --all      Install all latest available plugins in repository
  -r value       Repo name where the plug-in binary is located
  -v value       Version of the plug-in to be installed. Accepts specific semantic version or constraint. Only applicable
when installing a single plugin.
  -f             Force installation of plugin(s) without confirmation
  -q, --quiet    Suppress verbose output

C:\Users\ELCOT>ibmcloud cr region-set global
The region is set to 'global', the registry is 'icr.io'.

OK
C:\Users\ELCOT>
```

Step 12: Create namespace in your container registry



SETTING UP APPLICATION ENVIRONMENT

The screenshot shows the IBM Cloud Container Registry interface. The left sidebar contains navigation links: Container Registry, Quick start, Namespaces (1), Repositories (0), Images (0), Trash (0), and Settings. The main content area is titled 'Namespaces' and includes a 'Location' dropdown set to 'Global'. Below this is a search bar and a 'Create' button. A table lists the namespaces, with one entry: 'news-tracker-application1' in the 'Default' resource group, having 0 repository and image counts, and a retention policy of 'Retain all images'. The table footer shows 'Items per page: 25' and '1-1 of 1 item'.

IBM Cloud

Search resources and products...

Container Registry

Quick start

Namespaces 1

Repositories 0

Images 0

Trash 0

Settings

Namespaces

Location

Global

Resource group: Filter... Search

Create +

<input type="checkbox"/>	Name	Resource group	Repository count	Image count	Retention policy	
<input type="checkbox"/>	news-tracker-application1	Default	0	0	Retain all images	

Items per page: 25 1-1 of 1 item