

# SETTING UP APPLICATION ENVIRONMENT

NAME	R THIRUMALAISELVAN
PROJECT NAME	NEWS TRACKER

## 1. SENDGRID ACCOUNT CREATION:

### Registering new account

#### Tell Us About Yourself

This information will help us serve you better.

First Name *	Last Name *
Vignesh	M
Company Name *	Company Website *
IBM	ibm.com
Country Code	Phone Number
India (+91) v	9994698006

What is your role? \*

☐ Developer

☐ CEO

☐ Marketer

☒ Other

How many emails do you send per month? \*

☒ 0 to 100,000

☐ 100,000 to 700,000

☐ 700,000 to 1,500,000

☐ 1,500,000 to 10,000,000

☐ 10,000,000 to 50,000,000

☐ 50,000,000 to 100,000,000

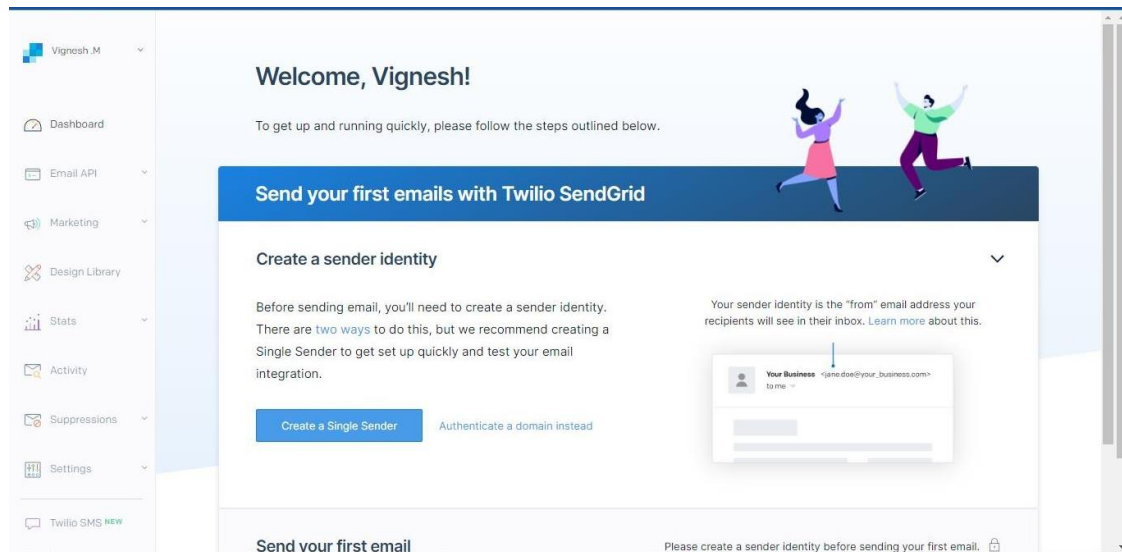
☐ 100,000,000+

How many employees work at your company? \*

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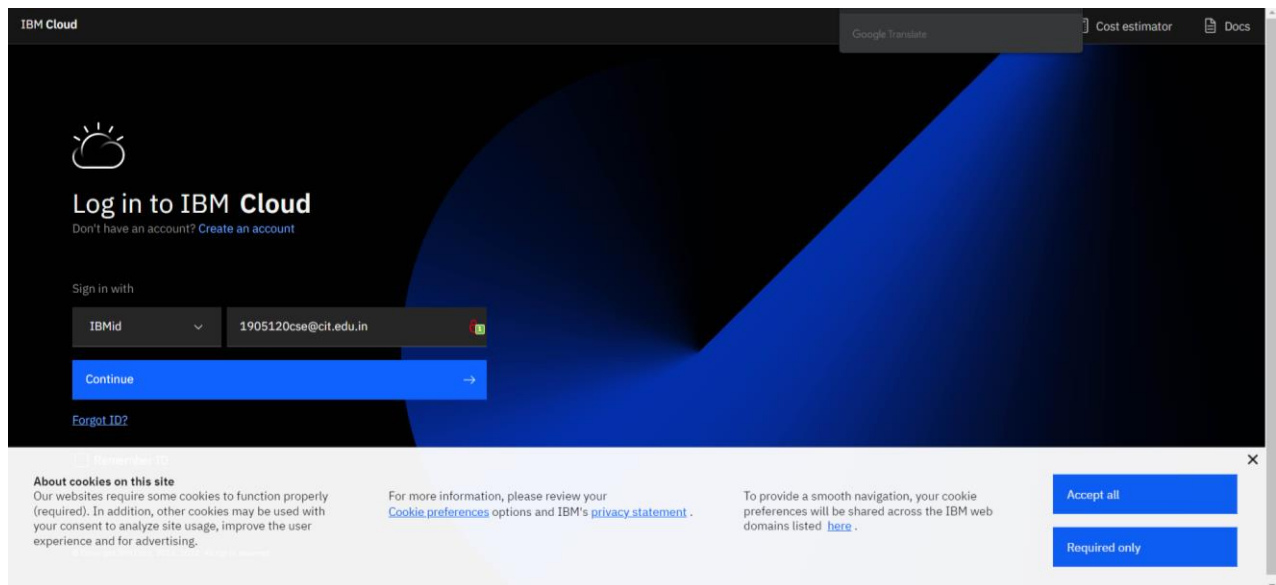
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## Sendgrid account created



## 2. IBM CLOUD CLI INSTALLATION:

### Log in to the IBM cloud



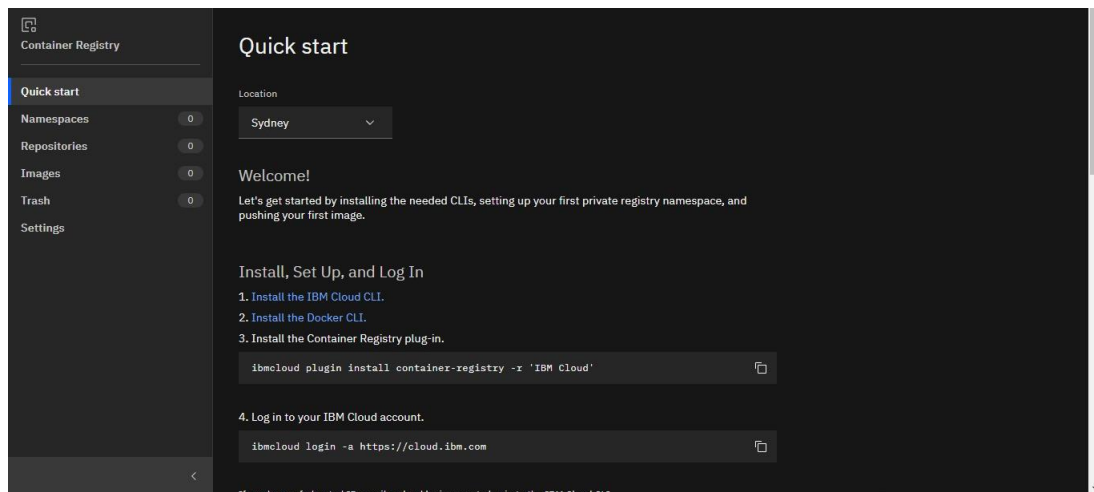
3.

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## Step 2: Select container registry

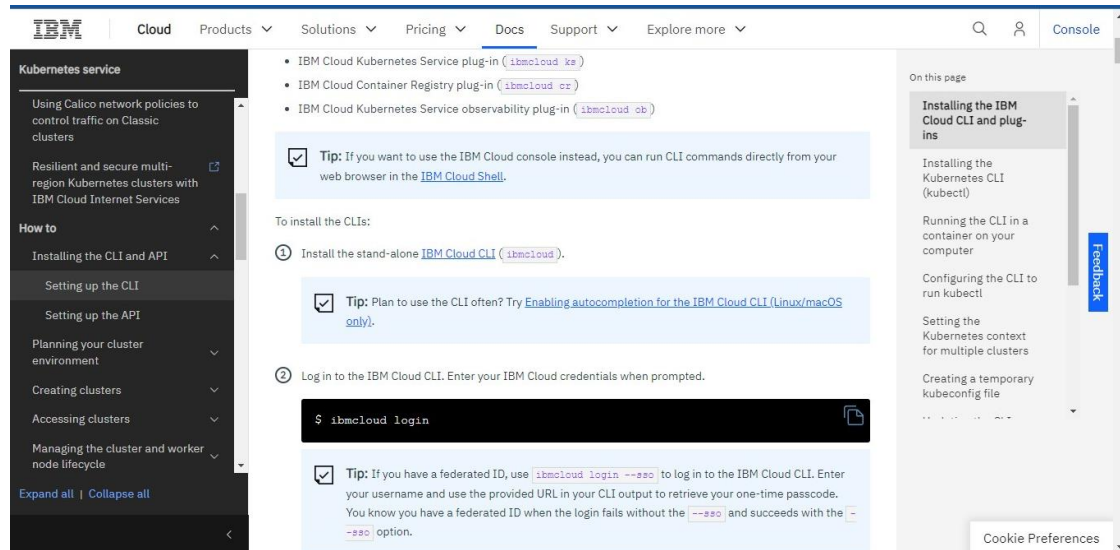


## Step3: Select Quickstart to open container registry and click on install IBM Cloud CLI

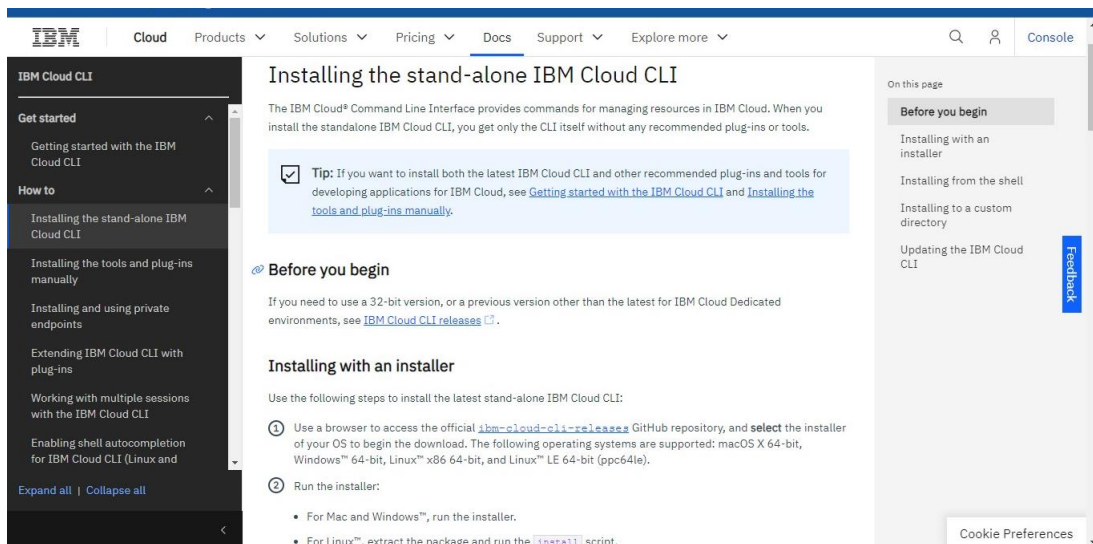


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## Step 4: Click on IBM Cloud CLI

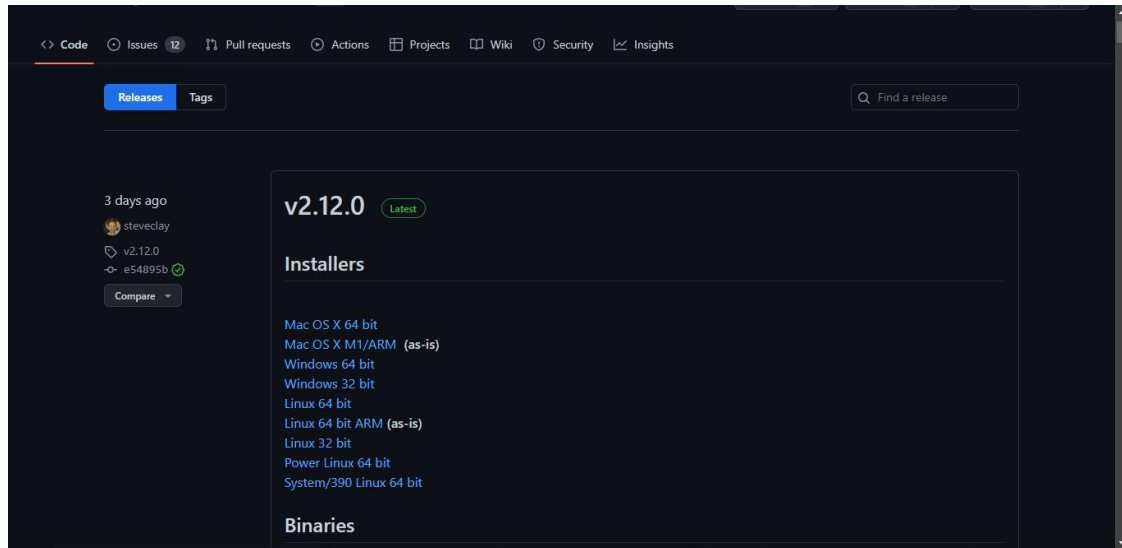


## Step 5: And then, Click on IBM Cloud CLI releases



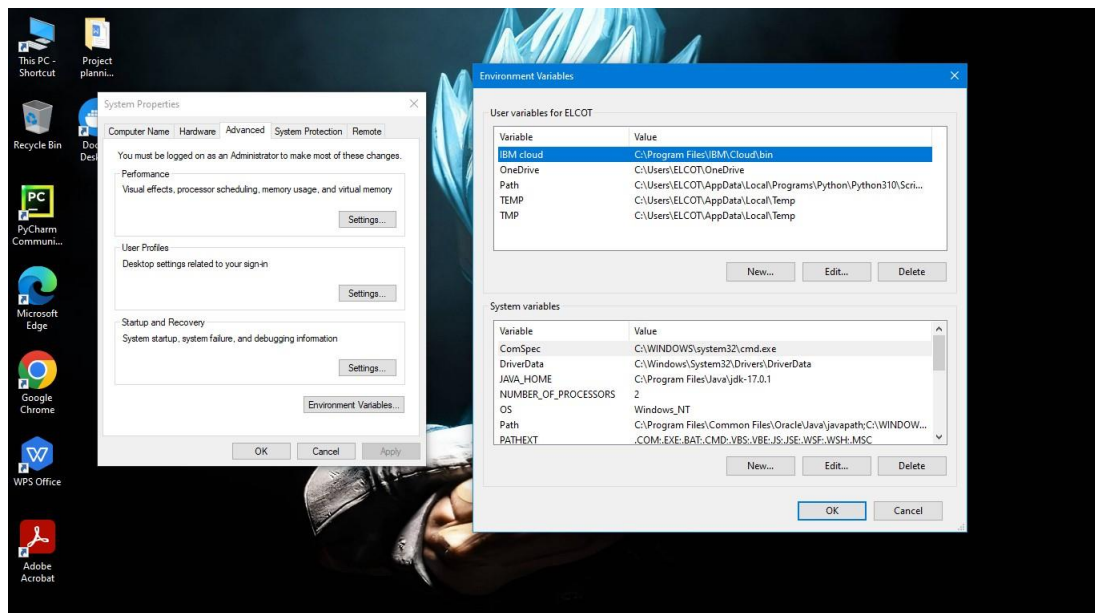
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Step 6: After that, the github page will open and download the IBM CLI installer by selecting as per your system required installer.

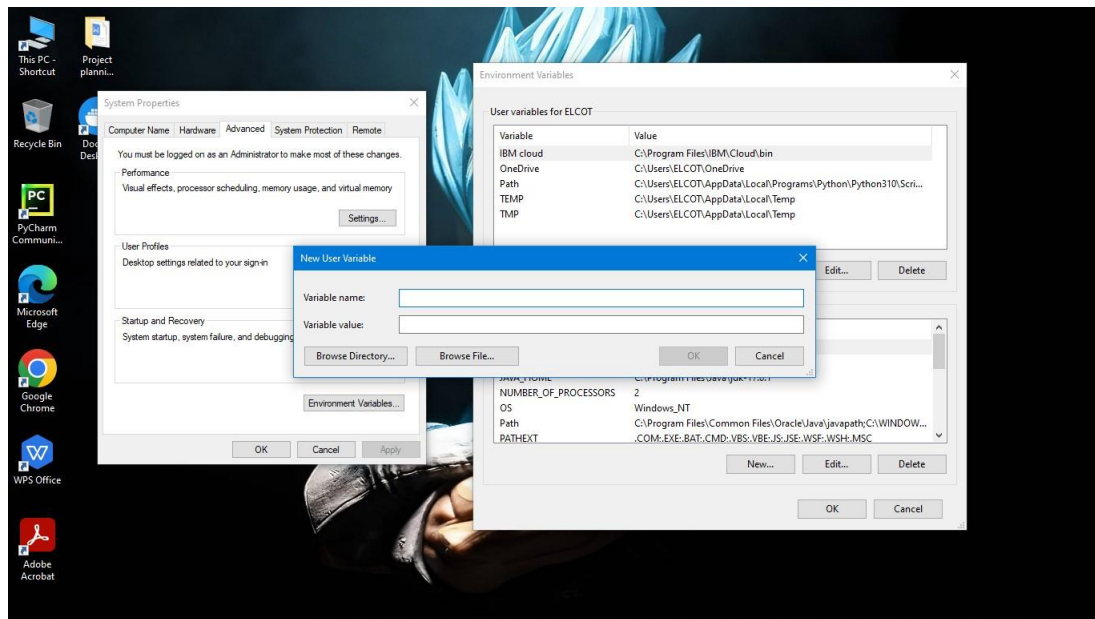


Step 8: After the installation set environment variable and then open CMD (Windows). Type this command to login in IBM cloud

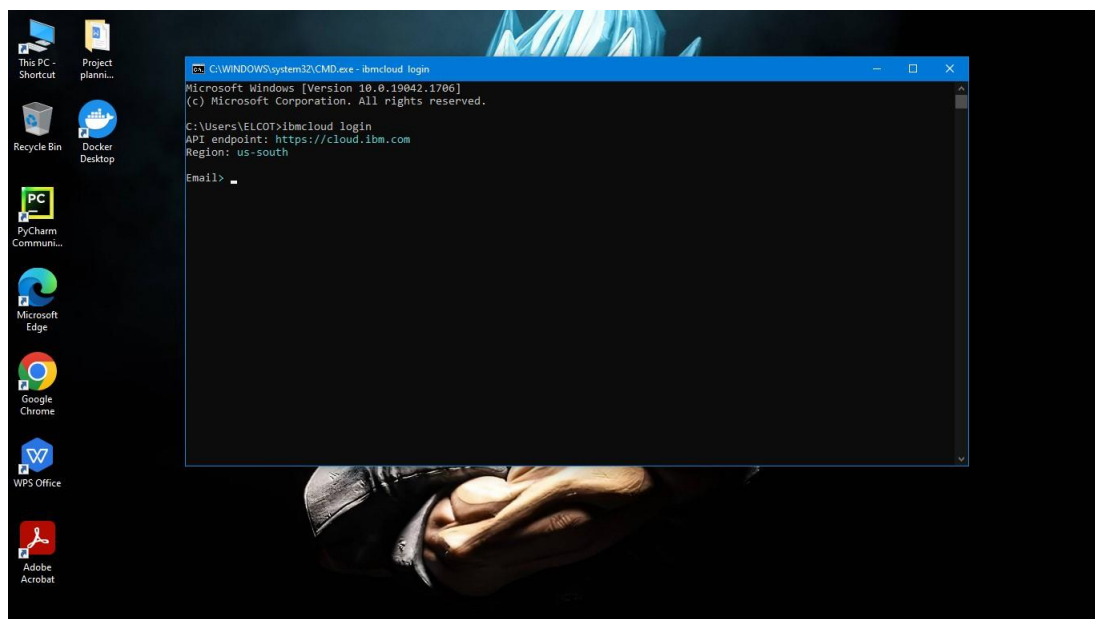
“ibmcloud login”



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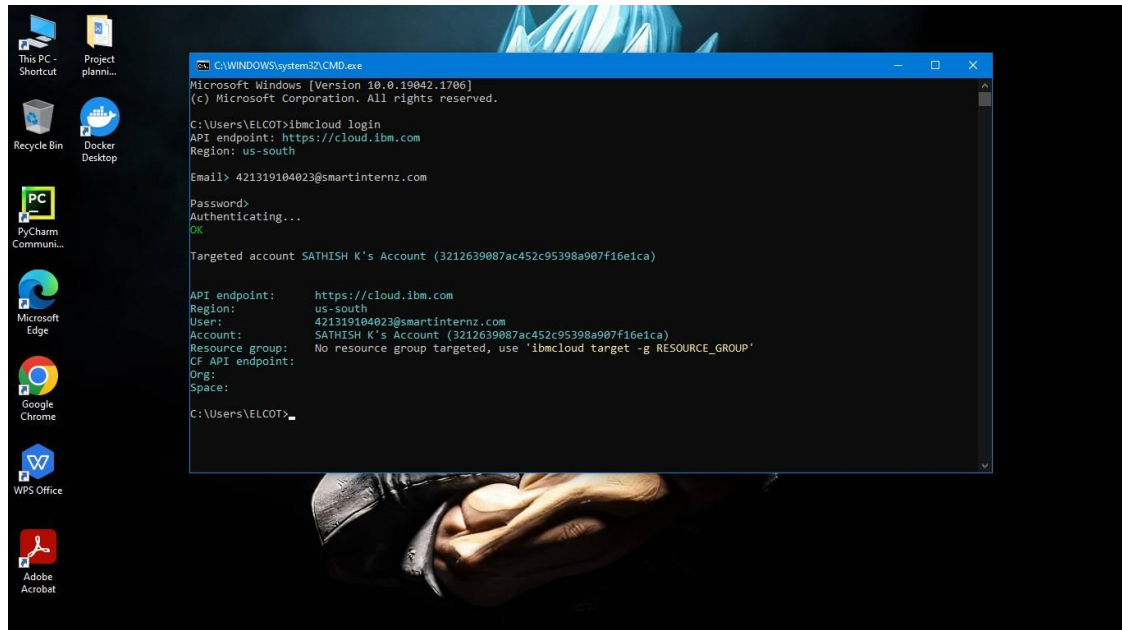


In the variable name, name it as “IBM Cloud” and in variable value the path location of the IBM.



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Step 9: Enter your IBM cloud email id and password, Then it will authenticate and signals "OK". The number of regions will be displayed, select one of them for your targeted account.



```
C:\WINDOWS\system32\CMD.exe
Microsoft Windows [Version 10.0.19042.1706]
(c) Microsoft Corporation. All rights reserved.

C:\Users\ELCOT>ibmcloud login
API endpoint: https://cloud.ibm.com
Region: us-south

Email> 421319104023@smartinternz.com

Password>
Authenticating...
OK

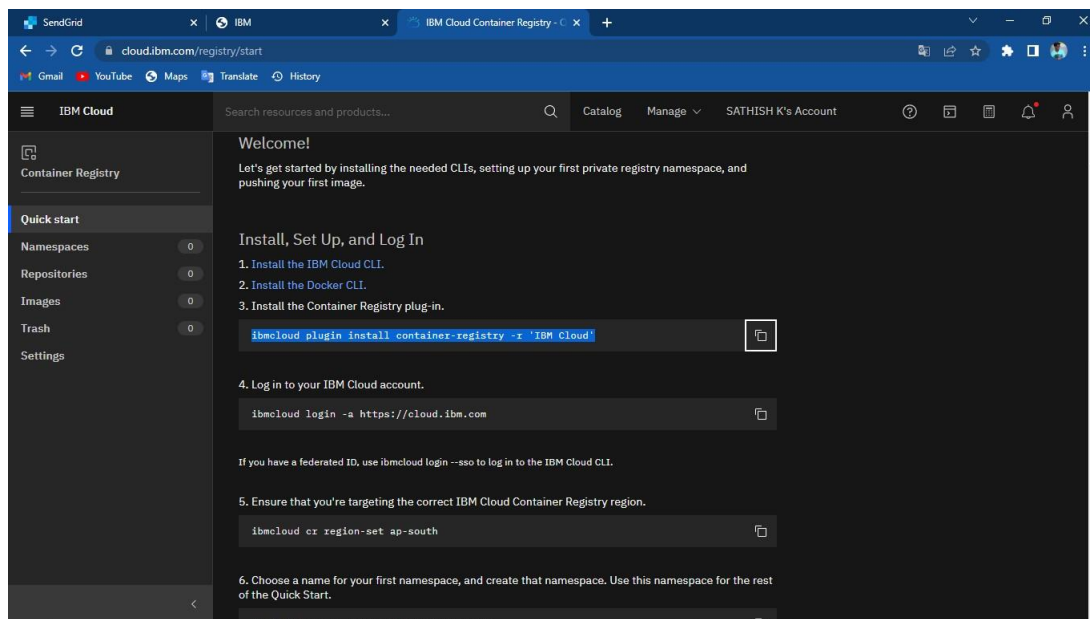
Targeted account SATHISH K's Account (3212639087ac452c95398a907f16e1ca)

API endpoint: https://cloud.ibm.com
Region: us-south
User: 421319104023@smartinternz.com
Account: SATHISH K's Account (3212639087ac452c95398a907f16e1ca)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

C:\Users\ELCOT>
```

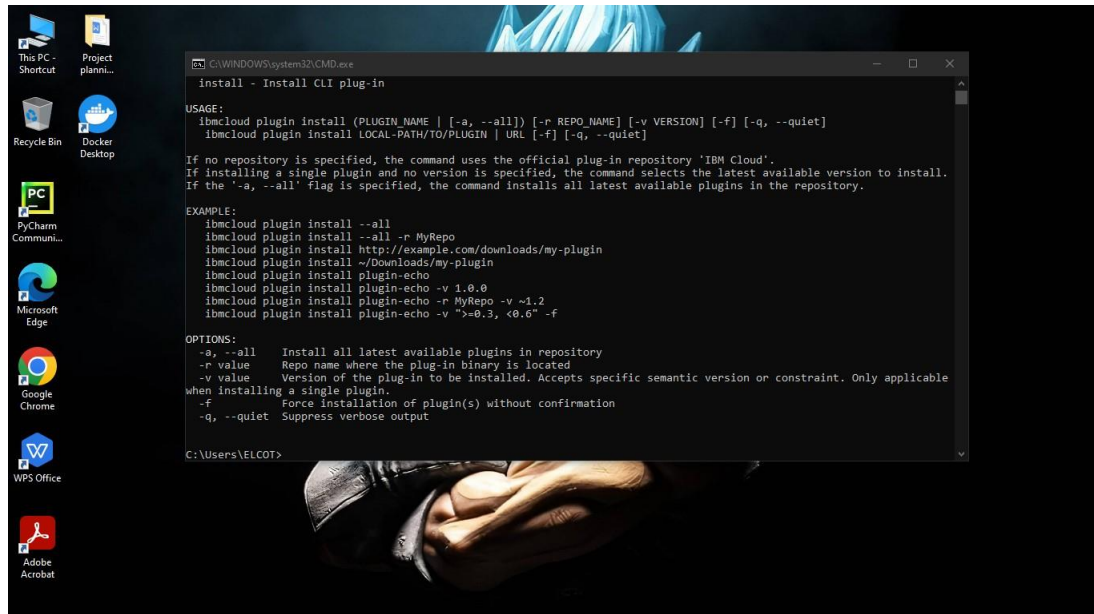
Step 10: Then copy the plugin command in your container registry (where the command displayed in your container registry which is opened on web browser) and paste and run it on cmd.

“ibmcloud plugin install container-registry -r”

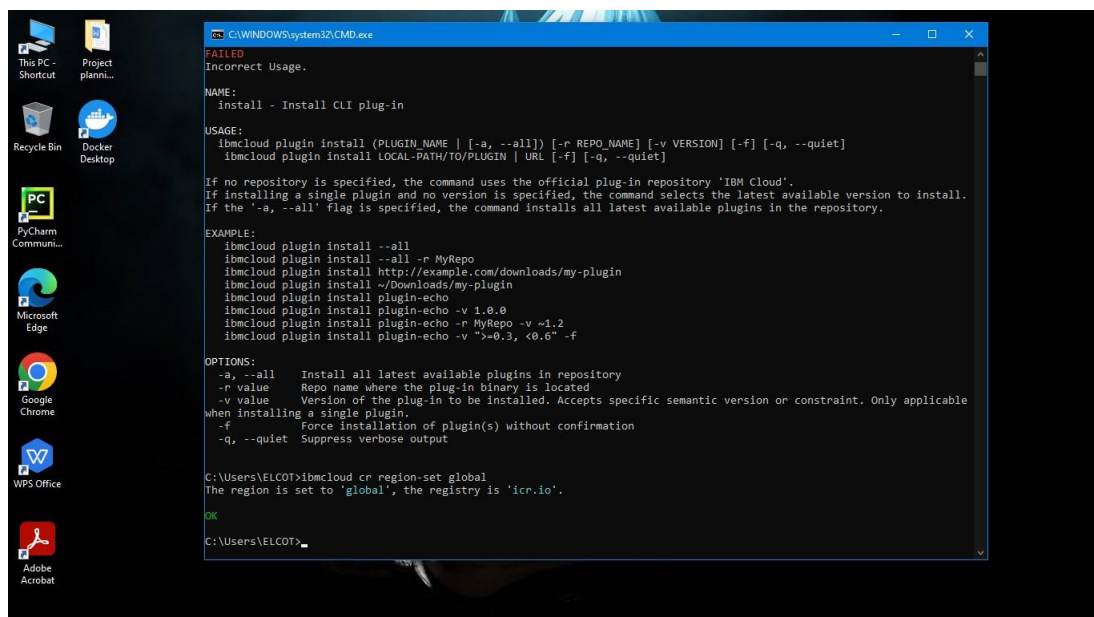




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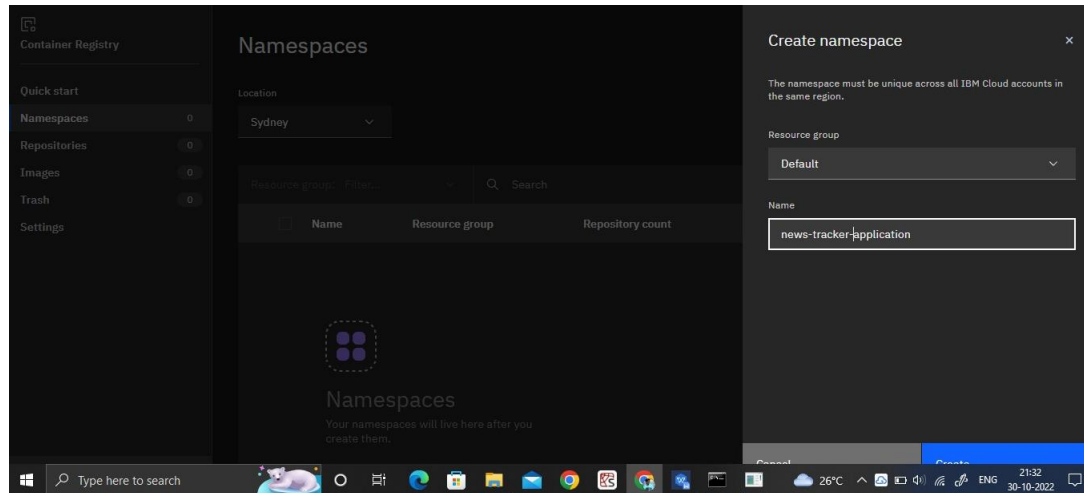
Step 11: Set your region to global .  
“ibmcloud cr region-set global”





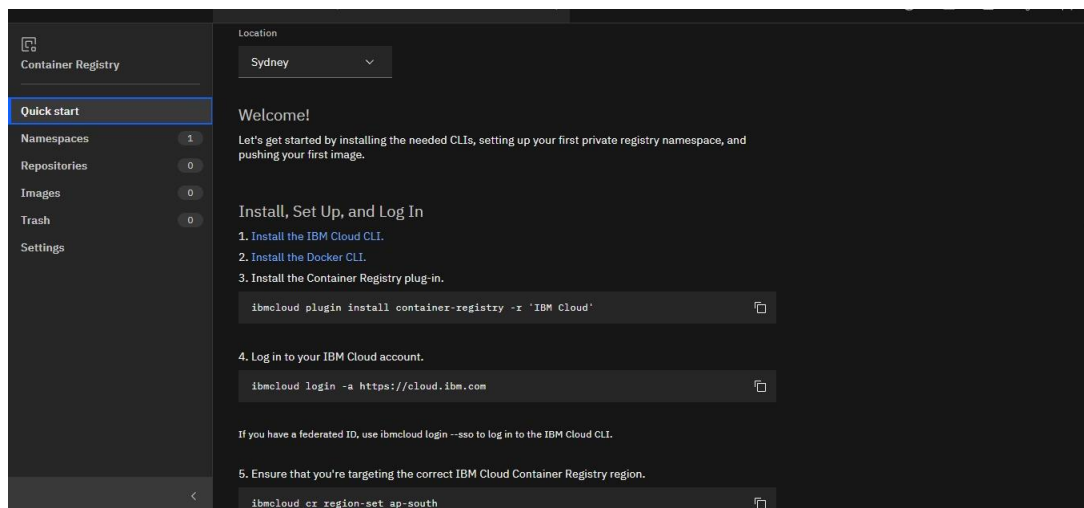
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Step 12: Create namespace in your container registry



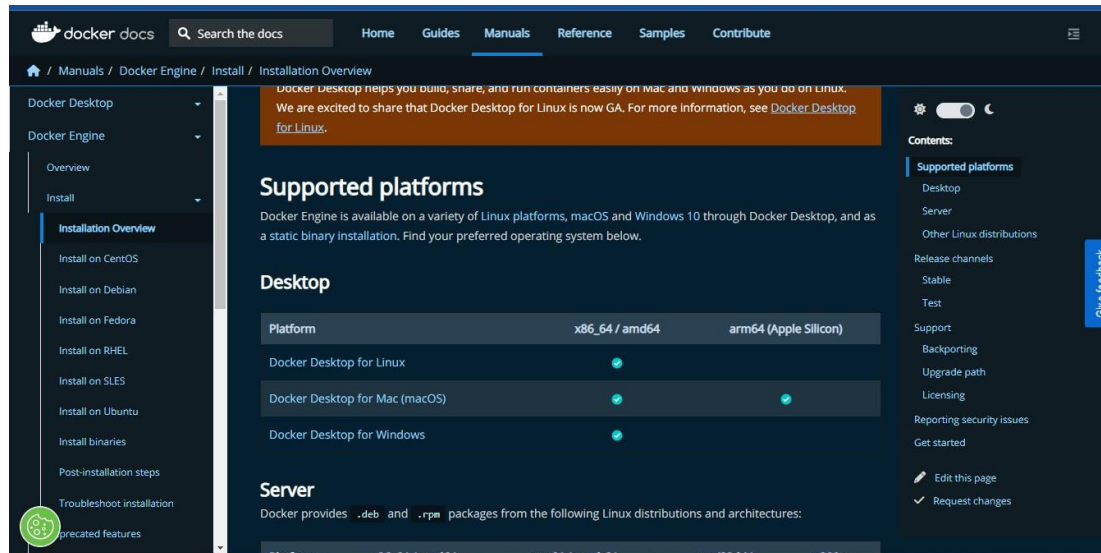
## 4. DOCKER CLI INSTALLATION:

Step 1: Open container registry in ibm cloud and click on Install Docker CLI.

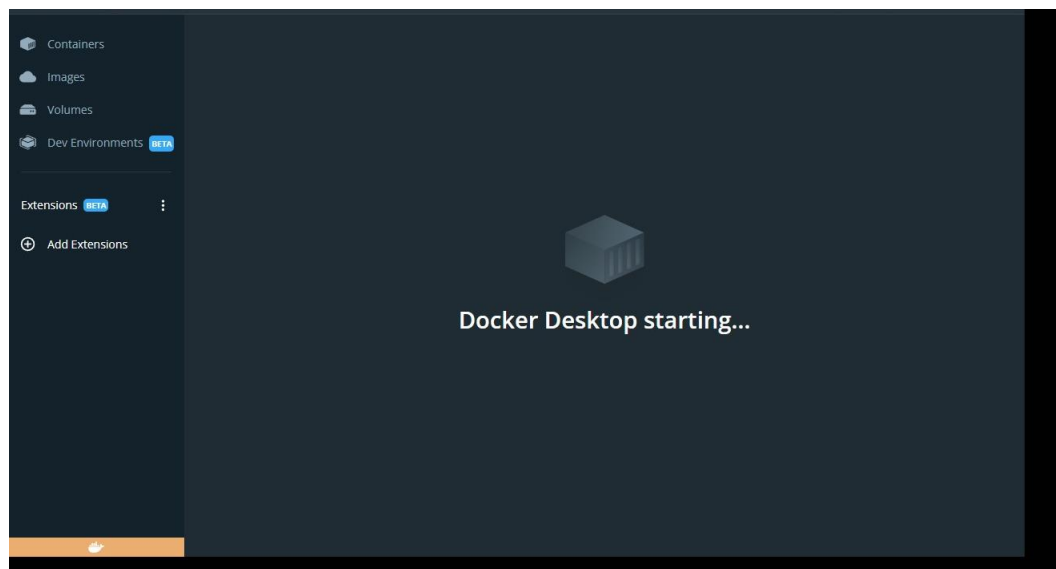


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Step 2: Then, Click on required installer for your specified system and download it.



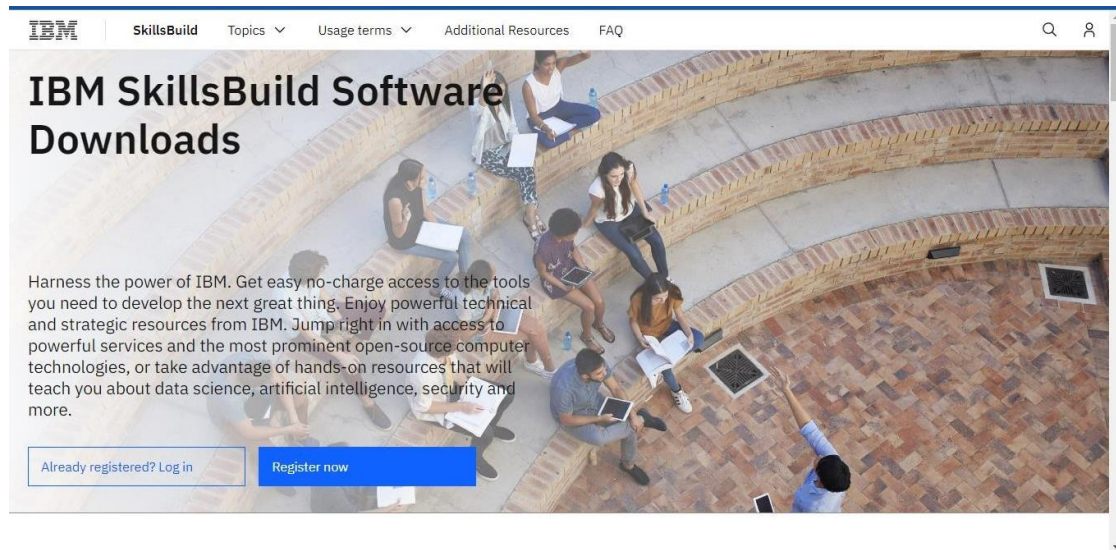
Step 3: After the setup download, run the setup and then open it and push the images, create the repository, etc....



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## 5. IBM CLOUD ACCOUNT CREATION:

Step 1: Search for “ibm.com/academic” in the browser

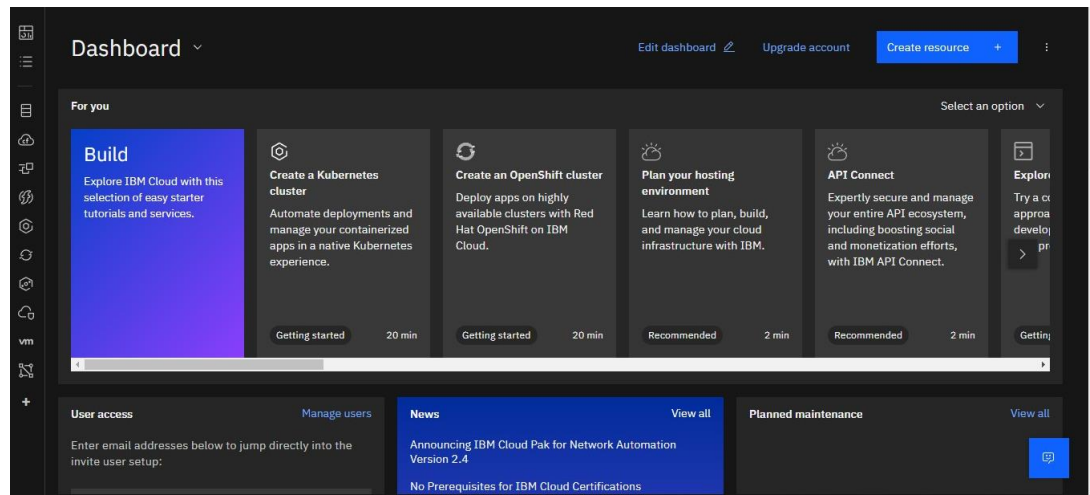


Step 2: Enter the mail issued by the academic institution and follow the procedure for entering the details which is provided as video link in your IBM profile.

A screenshot of the registration form on the IBM SkillsBuild Software Downloads page. The form is titled "Enter your academic institution issued email to begin". Below the title is a paragraph: "Only the students and faculty of participating academic institutions are eligible to access this website. Please enter your academic institution issued email below to register." There is a text input field labeled "Your academic institution issued email". Below the input field is a link: "Find answers in our frequently asked questions". At the bottom of the form is a blue "Submit" button. On the left side of the form is a video player showing two women, one of whom is using a laptop.

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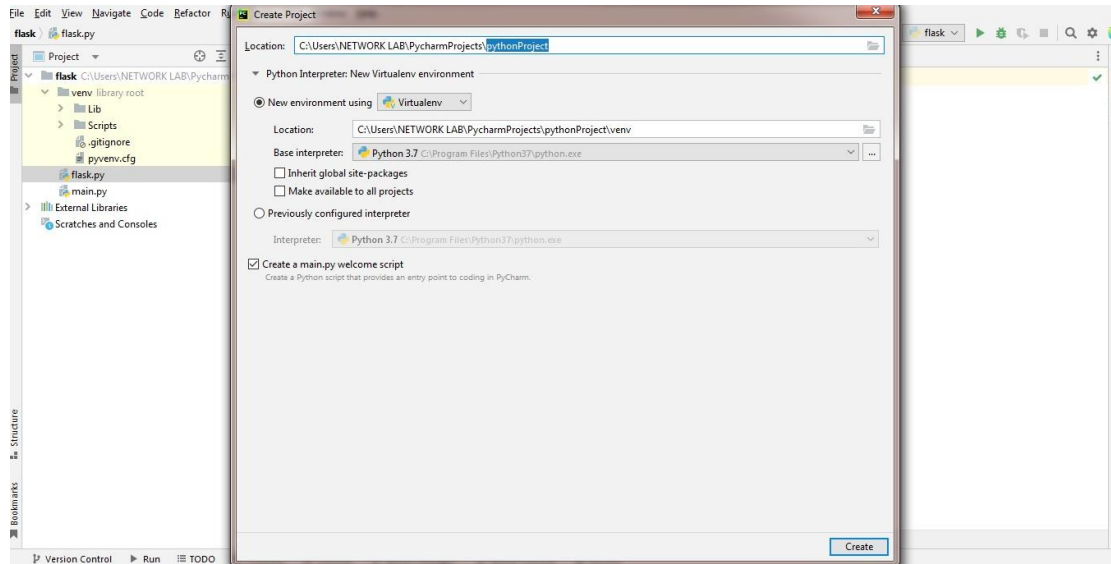
Step 3: After following the procedure that is given in reference video, your IBM cloud account will be created.



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## 6. CREATING A FLASK PROJECT:

Step 1: Open pycharm in your desktop and create new project folder



Step 2: Enter the following code to create the flask project

```
from flask import Flask

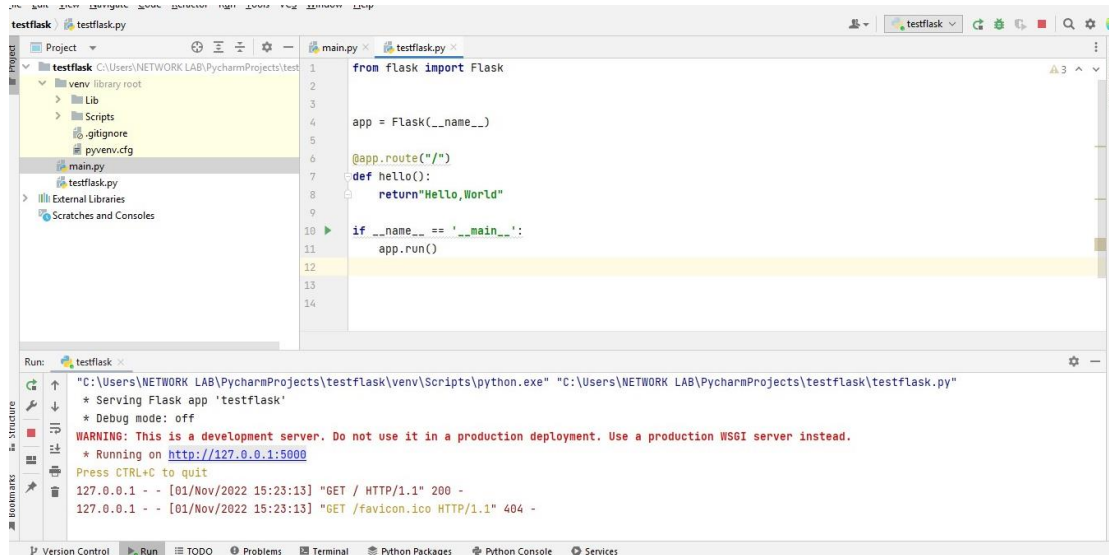
app = Flask(__name__)

@app.route("/")
def hello():
    return "Hello, World"

if __name__ == '__main__':
    app.run()
```

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Step 3: Then run the code, it will show website link in terminal.



Step 4: By clicking the link in terminal, it will show "Hello World" in the browser page.

Hello, World

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