

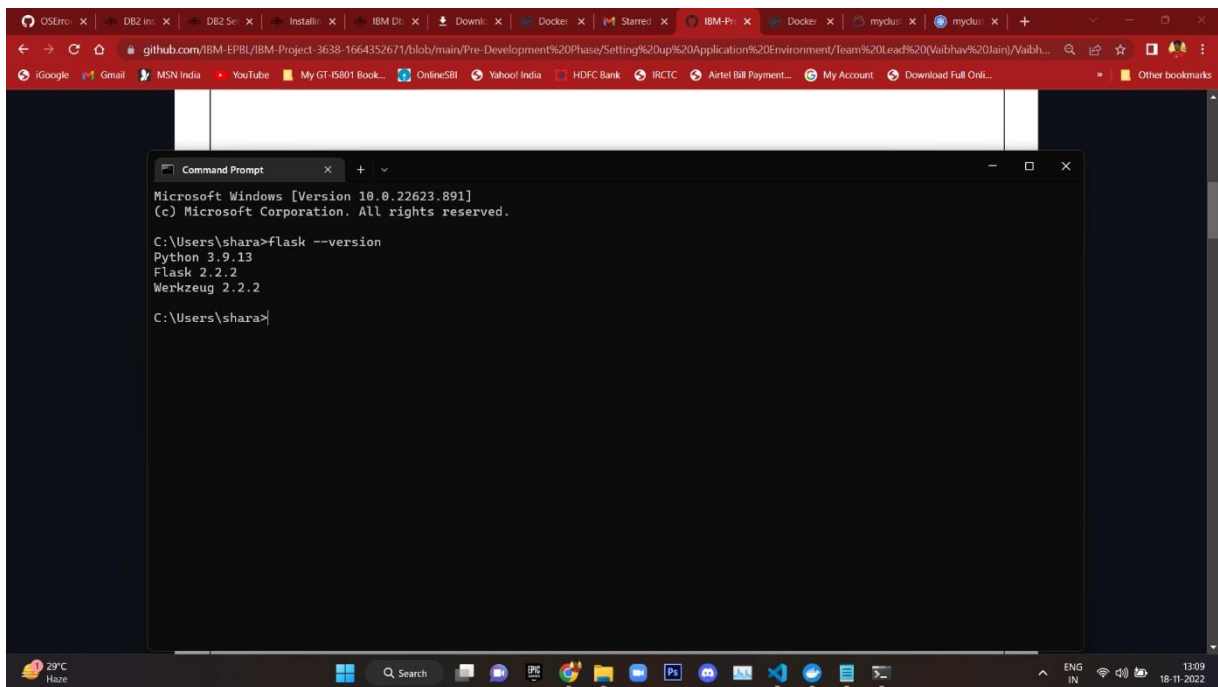
Setting Up Application Environment

Date	17 October 2022
Team ID	PNT2022TMID24193
Project Name	Project - Inventory Management System for Retailers

TASK

- **Create Flask Project**
- **Create IBM Cloud Account**
- **Install IBM Cloud CLI**
- **Docker CLI Installation**
- **Create An Account in SendGrid**

Create Flask Project



The screenshot shows a Windows desktop environment. In the background, a web browser window is open, displaying a GitHub page for an IBM project. The address bar shows the URL: [github.com/IBM-EPBL/IBM-Project-3638-1664352671/blob/main/Pre-Development%20Phase/Setting%20up%20Application%20Environment/Team%20Lead%20\(Vaibhav%20Jain\)/Vaibh...](https://github.com/IBM-EPBL/IBM-Project-3638-1664352671/blob/main/Pre-Development%20Phase/Setting%20up%20Application%20Environment/Team%20Lead%20(Vaibhav%20Jain)/Vaibh...). In the foreground, a Command Prompt window is open, showing the output of the command `C:\Users\shara>flask --version`. The output is:

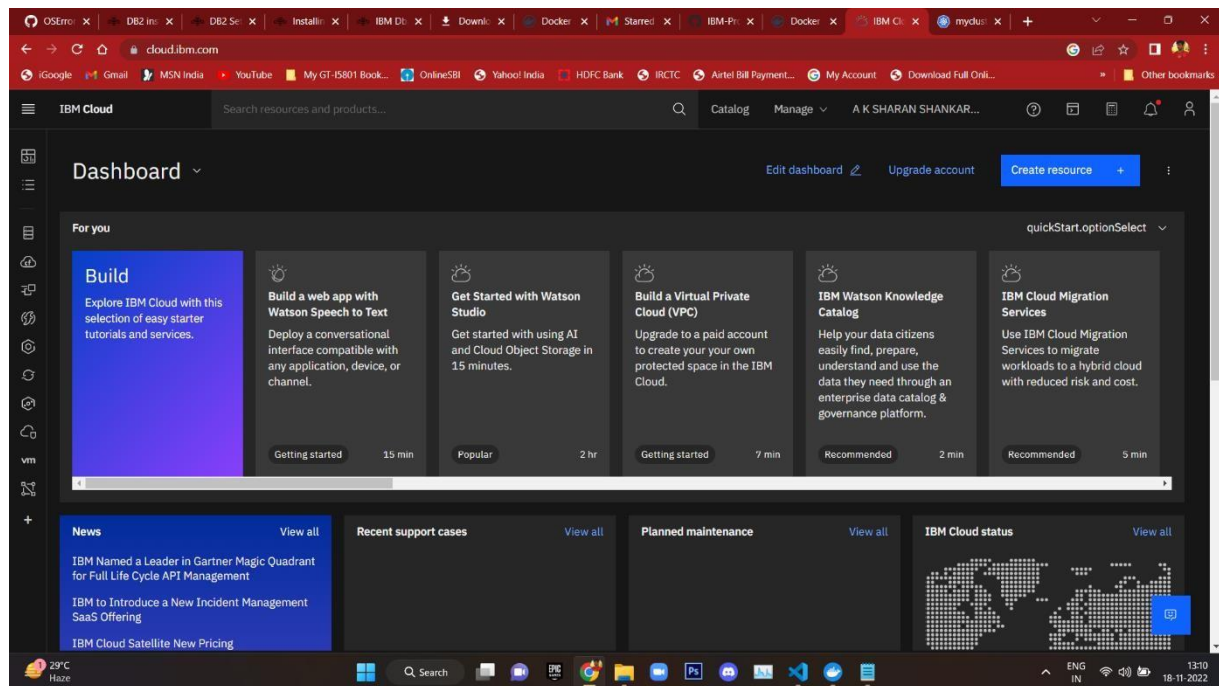
```
Microsoft Windows [Version 10.0.22623.891]
(c) Microsoft Corporation. All rights reserved.

C:\Users\shara>flask --version
Python 3.9.13
Flask 2.2.2
Werkzeug 2.2.2

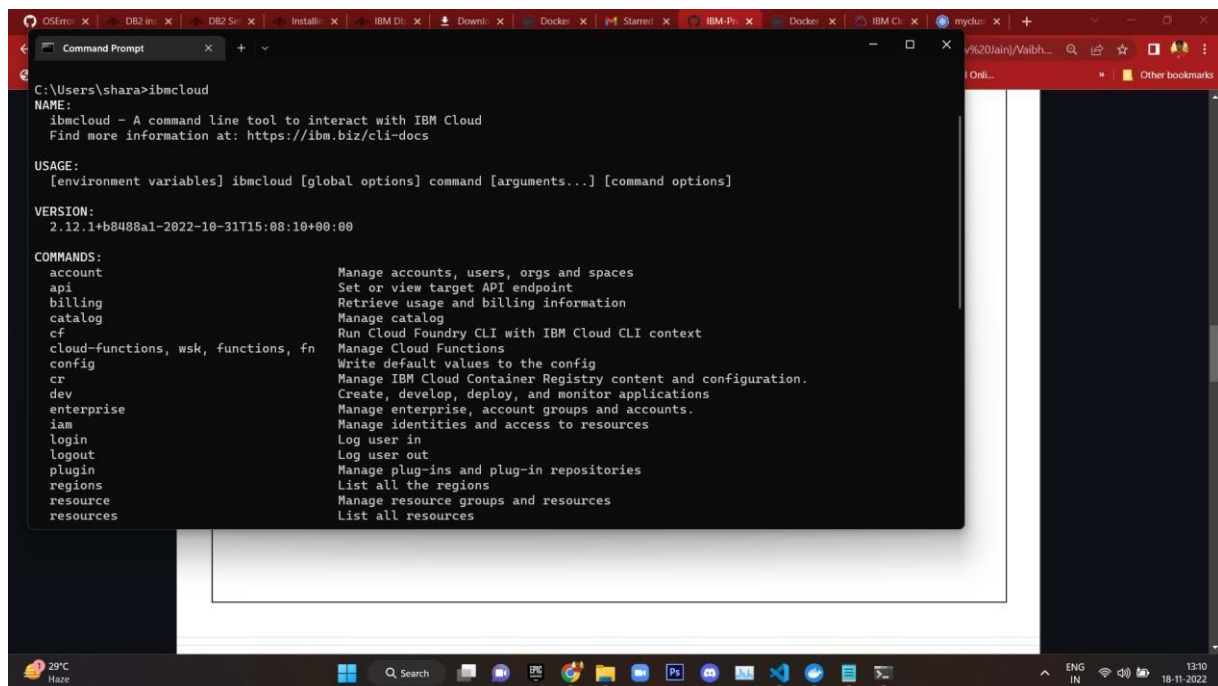
C:\Users\shara>
```

The taskbar at the bottom of the screen shows the system clock as 13:09 on 18-11-2022, and the temperature as 29°C.

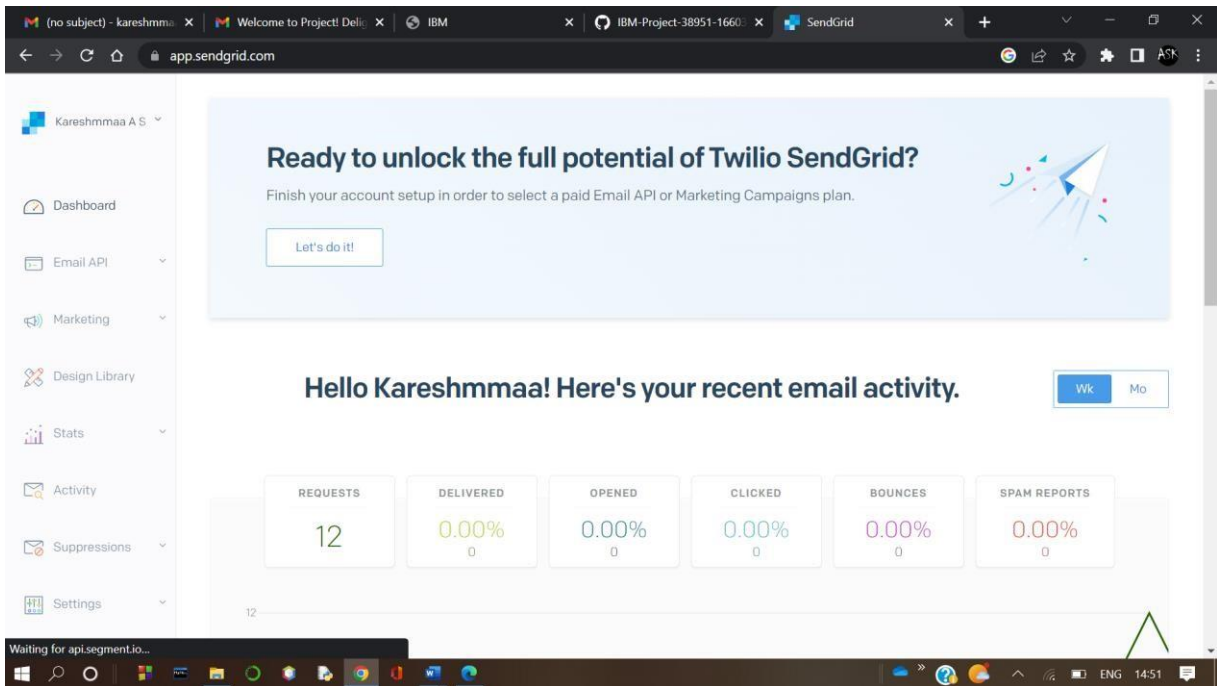
Create IBM Cloud Account



Install IBM Cloud CLI



Create An Account in SendGrid



Docker CLI Installation

```
Command Prompt
58c71ea40fb0: Waiting
2b0fb280b60d: Waiting
unauthorized: The login credentials are not valid, or your IBM Cloud account is not active.

C:\Users\shara>docker tag dockertest:latest jp2.icr.io/test1/dt_repo:1

C:\Users\shara>ibmcloud cr login --client docker
Logging 'docker' in to 'jp2.icr.io'...
Logged in to 'jp2.icr.io'.

OK

C:\Users\shara>
C:\Users\shara>docker push jp2.icr.io/test1/dt_repo:1
The push refers to repository [jp2.icr.io/test1/dt_repo]
30b0919f1dc1: Pushed
01c46d8867f1: Pushed
d025656eee1: Pushed
f77b44634820: Pushed
5f354b8b5dc0: Pushed
f61107386c17: Pushed
db49993833a0: Pushed
58c71ea40fb0: Pushed
2b0fb280b60d: Pushed
1: digest: sha256:9b08f7f7584f684ce86c2dc6749fd331fb3585a2b37d5fbef05a382049a1a4b size: 2204

C:\Users\shara>ibmcloud cr image-list
Listing images...

Repository          Tag    Digest          Namespace    Created    Size    Security status
jp2.icr.io/test1/dt_repo  1      9b08f7f7584f    test1        18 hours ago  38 MB  Scanning...

OK

C:\Users\shara>
```