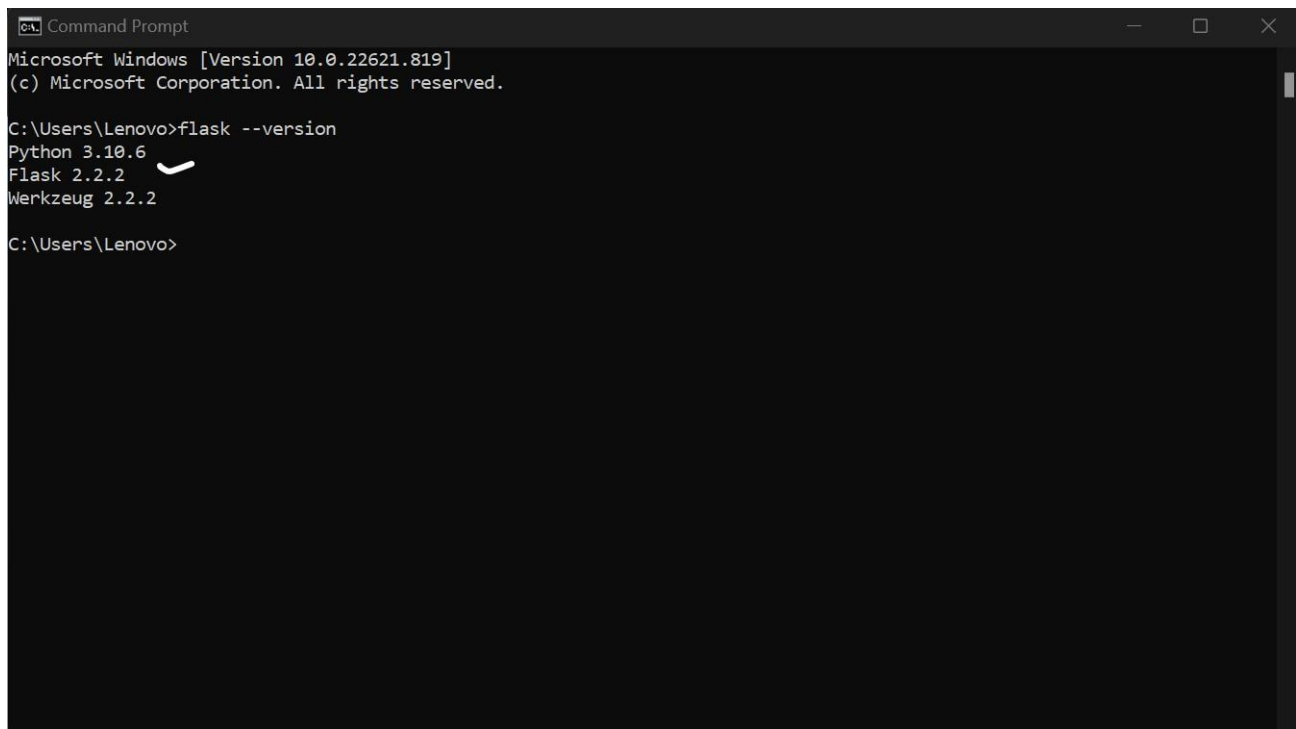


ENVIRONMENTAL SETUP

Date	10 Oct 2022
Team ID	PNT2022TMID03116
Project Name	PERSONAL EXPENSE TRACKER

FLASK SETUP:



```
Command Prompt
Microsoft Windows [Version 10.0.22621.819]
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C:\Users\Lenovo>flask --version
Python 3.10.6
Flask 2.2.2
Werkzeug 2.2.2

C:\Users\Lenovo>
```

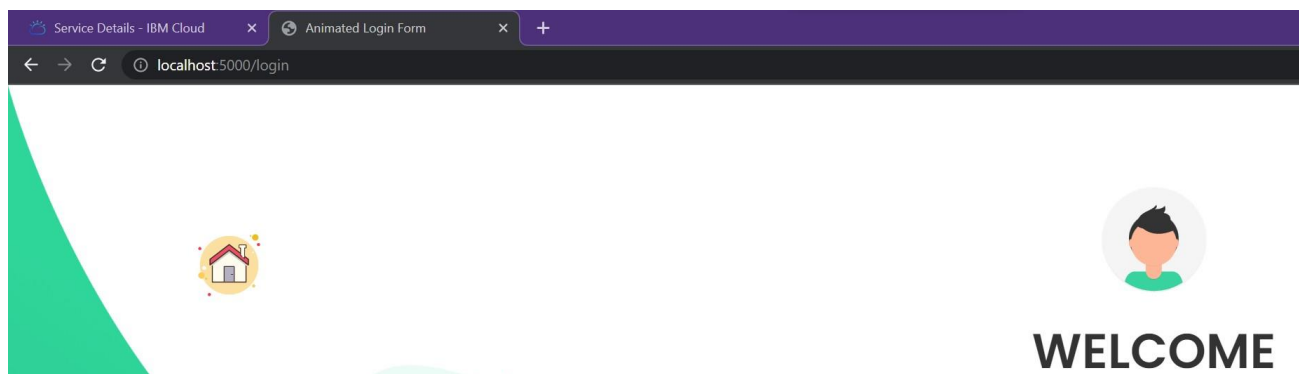
The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left displays a project structure for 'SPRINT_2' with files like 'app.py', 'requirements.txt', and 'Dockerfile'. The main editor window shows the code for 'app.py', which includes imports for 'json', 'Flask', 'render_template', 'request', 'redirect', 'url_for', 'Flask-Mail', 'datetime', 'Flask-CORS', and 'ibm_db'. The terminal window at the bottom shows the execution of 'flask --debug run' in a PowerShell environment, displaying messages about debug mode, a warning for development use, and the server running on 'http://127.0.0.1:5000'.

```
app.py > ...
1 import json
2 from flask import Flask, render_template, request, redirect, url_for
3 from flask_mail import Mail, Message
4 from datetime import datetime
5 from flask_cors import CORS, cross_origin
6 import ibm_db
7
```

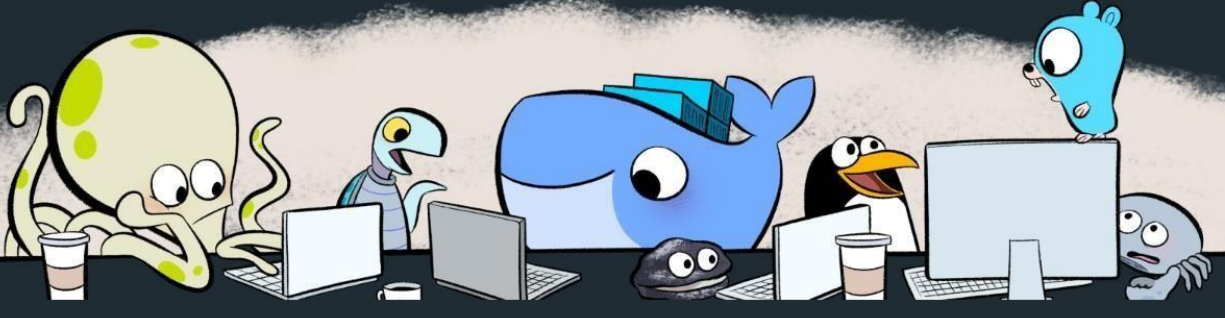
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS F:\IBM\Project\Sprint_2> flask --debug run
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 125-664-222




DOCKER SETUP:



Docker Subscription Service Agreement

By selecting **accept**, you agree to the [Subscription Service Agreement](#), the [Docker Data Processing Agreement](#), and the [Data Privacy Policy](#).

Note: Docker Desktop is free for small businesses (fewer than 250 employees AND less than \$10 million in annual revenue), personal use, education, and non-commercial open source projects. Otherwise, it requires a paid subscription for professional use. Paid subscriptions are also required for government entities. [Read the FAQ to learn more.](#)

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Dev Environments BETA

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An image is a read-only template with instructions for creating a Docker container. [Learn more](#)

LOCAL

REMOTE REPOSITORIES

2.2 GB / 1.13 GB in use

22 Images

Last refresh: about 21 hours ago

Search

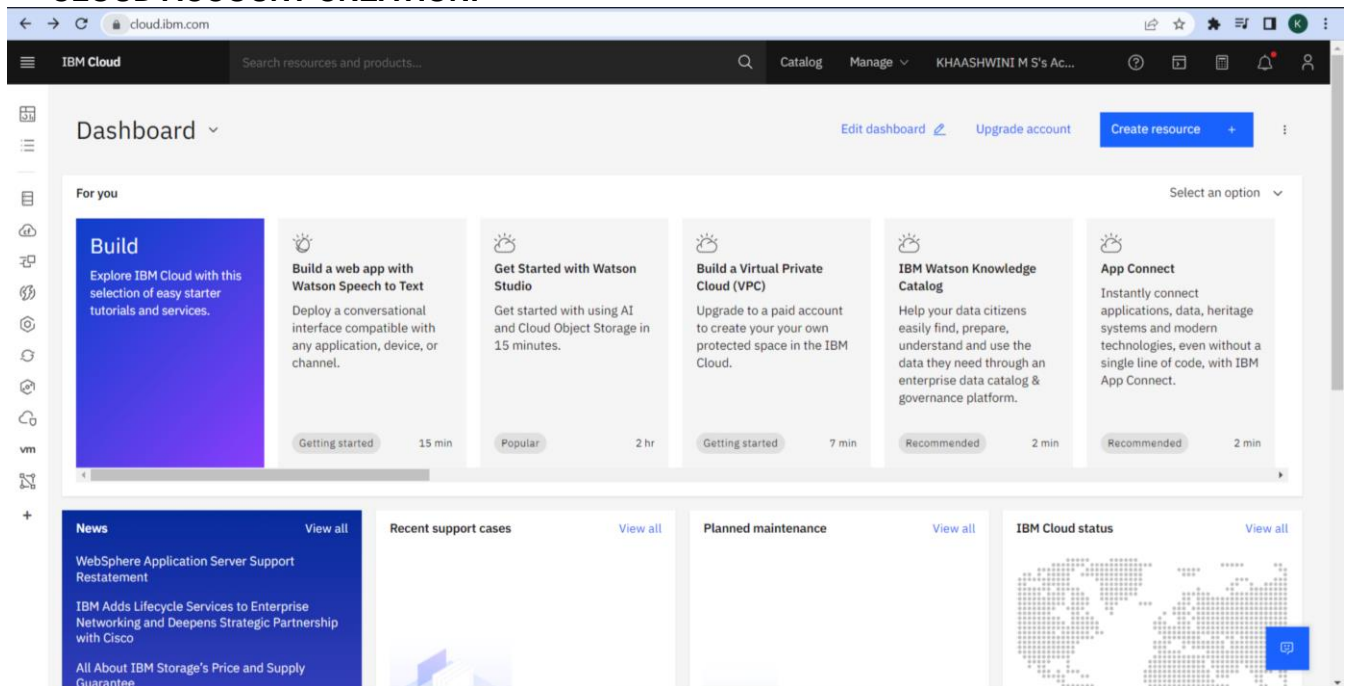
<input type="checkbox"/>	NAME	TAG	STATUS	CREATED	SIZE	ACTIONS
<input type="checkbox"/>	haribidda/pet b8c06d07e5d9	latest	In use	about 21 hours ago	1.11 GB	
<input checked="" type="checkbox"/>	pet b8c06d07e5d9	latest	In use	about 21 hours ago	1.11 GB	
<input checked="" type="checkbox"/>	jp.icr.io/ns-v1/pet b8c06d07e5d9	latest	In use	about 21 hours ago	1.11 GB	
<input type="checkbox"/>	hubproxy.docker.internal:5000/docker/desktop-ku 09d7e1dbc2c4	kubernetes-v1	Unused	about 2 months ago	363.32 MB	
<input type="checkbox"/>	k8s.gcr.io/kube-apiserver 97801f839490	v1.25.2	Unused	about 2 months ago	127.73 MB	
<input type="checkbox"/>	k8s.gcr.io/kube-scheduler c7a0a31aa3cf4	v1.25.2	Unused	about 2 months ago	50.58 MB	

Showing 22 items

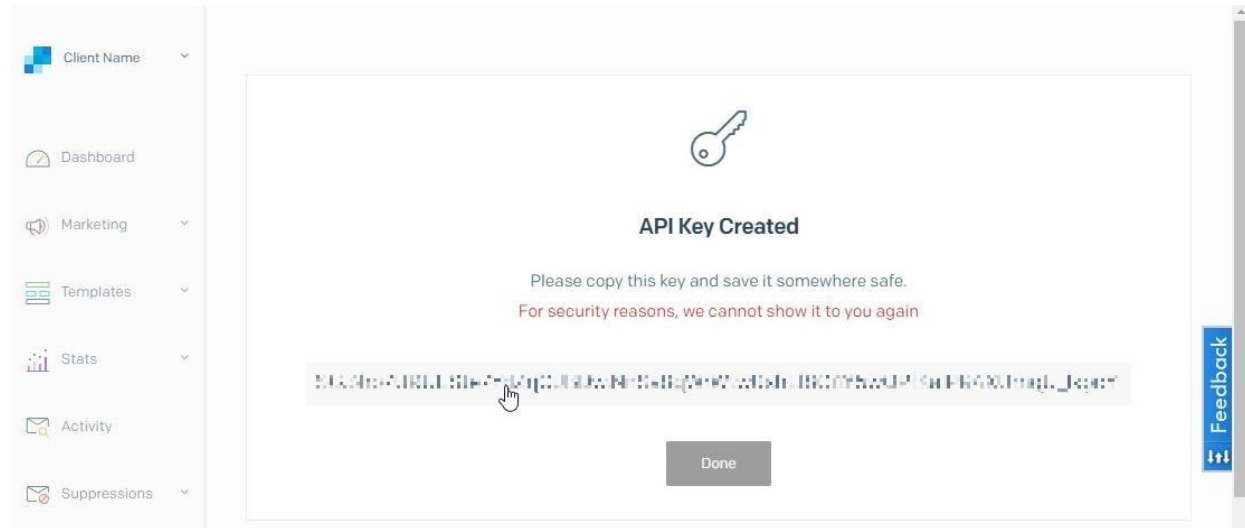
RAM 3.77GB CPU 2.08% Connected to Hub

v4.14.0

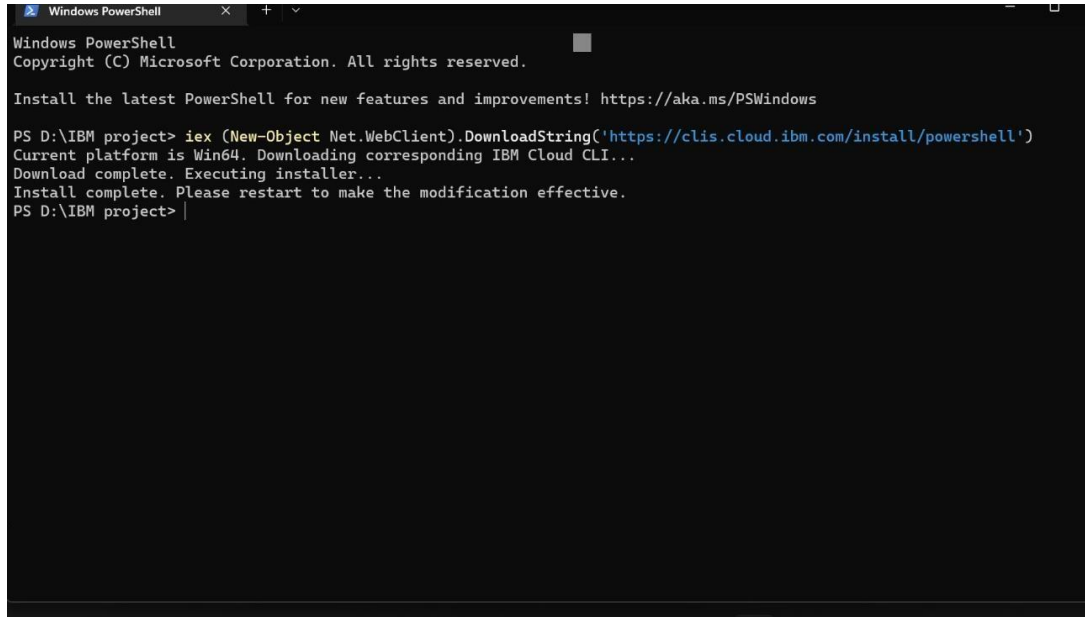
CLOUD ACCOUNT CREATION:



SENDGRID ACCOUNT CREATION:



IBM CLOUD CLI INSTALL :



```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS D:\IBM project> iex (New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')
Current platform is Win64. Downloading corresponding IBM Cloud CLI...
Download complete. Executing installer...
Install complete. Please restart to make the modification effective.
PS D:\IBM project> |
```