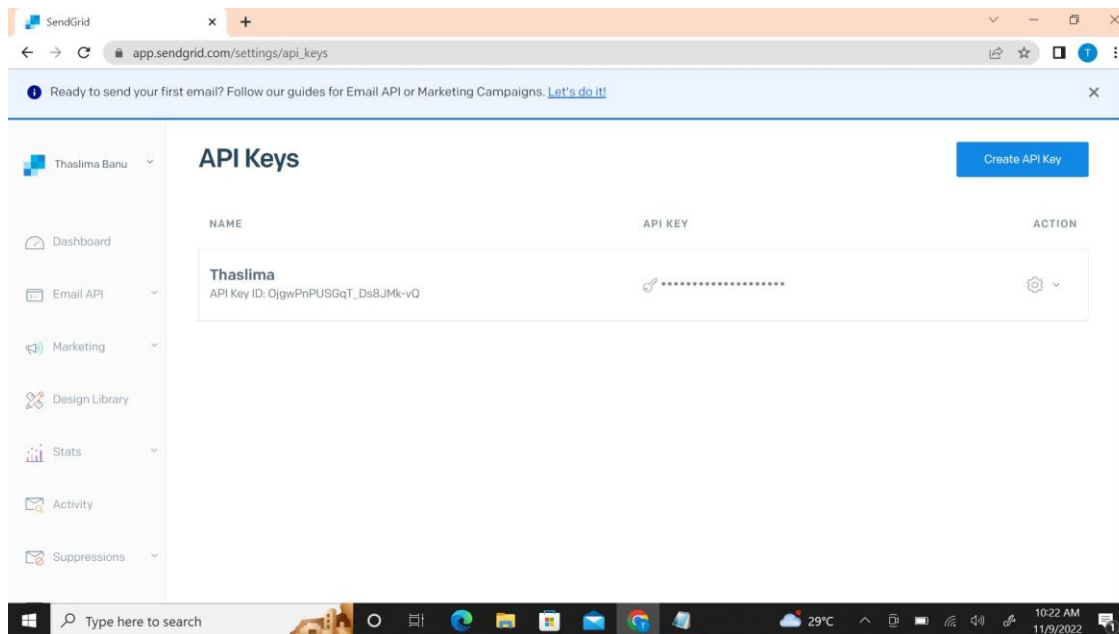


Integrating SendGrid Service

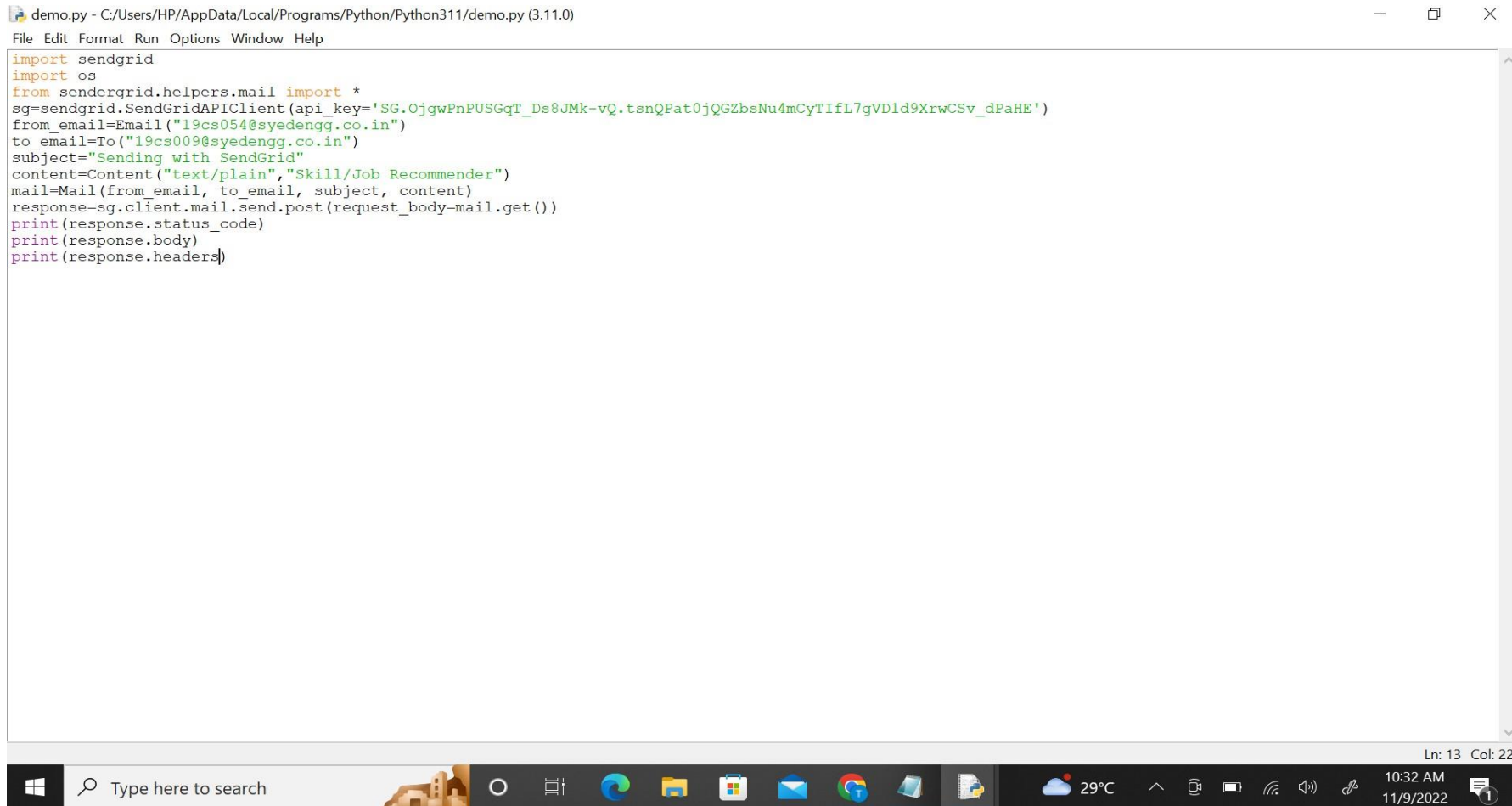
SendGrid Integration with Python Code

Team Name	DareDevils
Team ID	PNT2022TMID25938
Project Name	Skill/Job Recommender Application

Creating an API Key



Creating a Virtual Environment “Integrating SendGrid Service” and creating demo.py file with the following code inside the virtualenvironment



The screenshot shows a Python IDE window titled "demo.py - C:/Users/HP/AppData/Local/Programs/Python/Python311/demo.py (3.11.0)". The menu bar includes File, Edit, Format, Run, Options, Window, and Help. The code in the editor is as follows:

```
import sendgrid
import os
from sendergrid.helpers.mail import *
sg=sendgrid.SendGridAPIClient(api_key='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')
from_email=Email("19cs054@syedengg.co.in")
to_email=To("19cs009@syedengg.co.in")
subject="Sending with SendGrid"
content=Content("text/plain","Skill/Job Recommender")
mail=Mail(from_email, to_email, subject, content)
response=sg.client.mail.send.post(request_body=mail.get())
print(response.status_code)
print(response.body)
print(response.headers)
```

The status bar at the bottom right indicates "Ln: 13 Col: 22". The Windows taskbar at the bottom shows the search bar, task view, and various application icons, along with system tray icons for weather (29°C), time (10:32 AM), and date (11/9/2022).

Running the python file through the terminal

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.1766]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>import ibm_db
'import' is not recognized as an internal or external command,
operable program or batch file.

C:\Windows\System32>pip install sendgrid
Defaulting to user installation because normal site-packages is not writeable
Collecting sendgrid
  Downloading sendgrid-6.9.7-py3-none-any.whl (101 kB)
    ----- 101.1/101.1 kB 1.9 MB/s eta 0:00:00
Collecting python-http-client>=3.2.1
  Downloading python_http_client-3.3.7-py3-none-any.whl (8.4 kB)
Collecting starkbank-ecdsa>=2.0.1
  Downloading starkbank-ecdsa-2.2.0.tar.gz (14 kB)
  Preparing metadata (setup.py) ... done
Installing collected packages: starkbank-ecdsa, python-http-client, sendgrid
  DEPRECATION: starkbank-ecdsa is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not
  installed. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/py
  pa/pip/issues/8559
  Running setup.py install for starkbank-ecdsa ... done
Successfully installed python-http-client-3.3.7 sendgrid-6.9.7 starkbank-ecdsa-2.2.0

C:\Windows\System32>_
```

