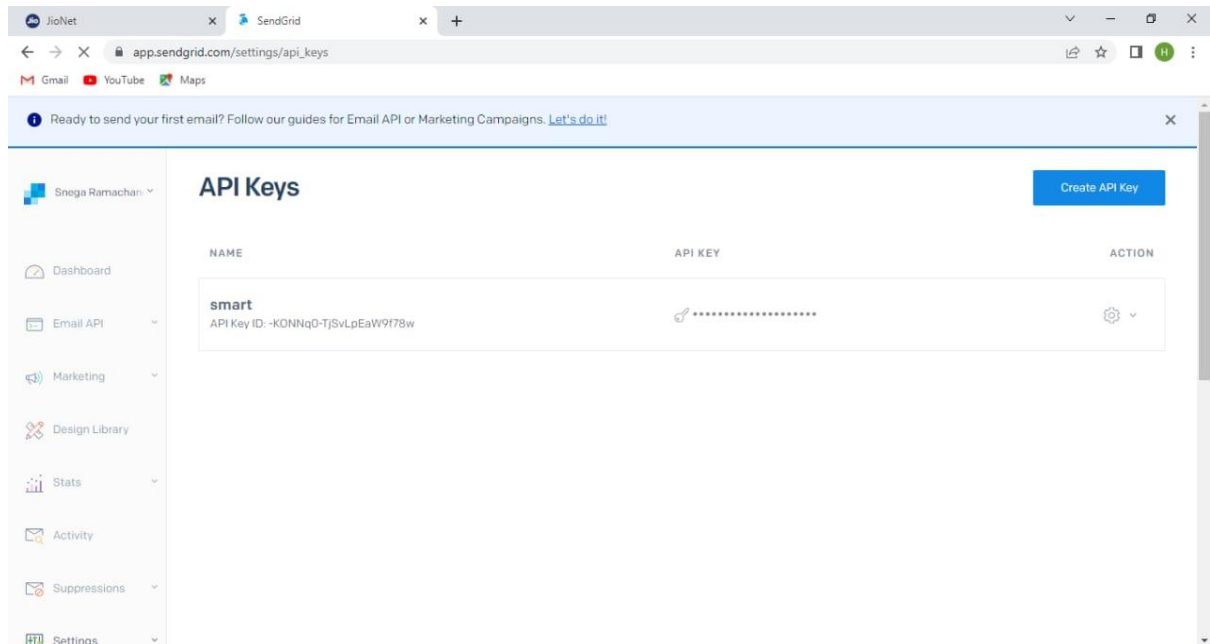


Integrating SendGrid Service

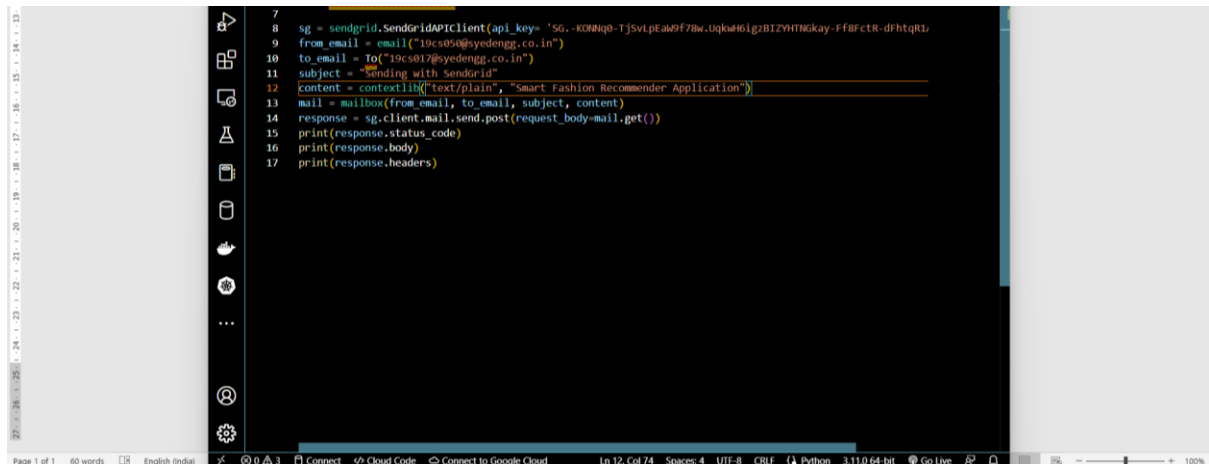
SendGrid Integration with Python Code

Project Name	Smart Fashion Recommender Application
Team ID	PNT2022TMID48229
Team Members	ReshmiDevi K Nikitha C Snega R Harini D Mohabbath Sabeena A

Creating an API Key:

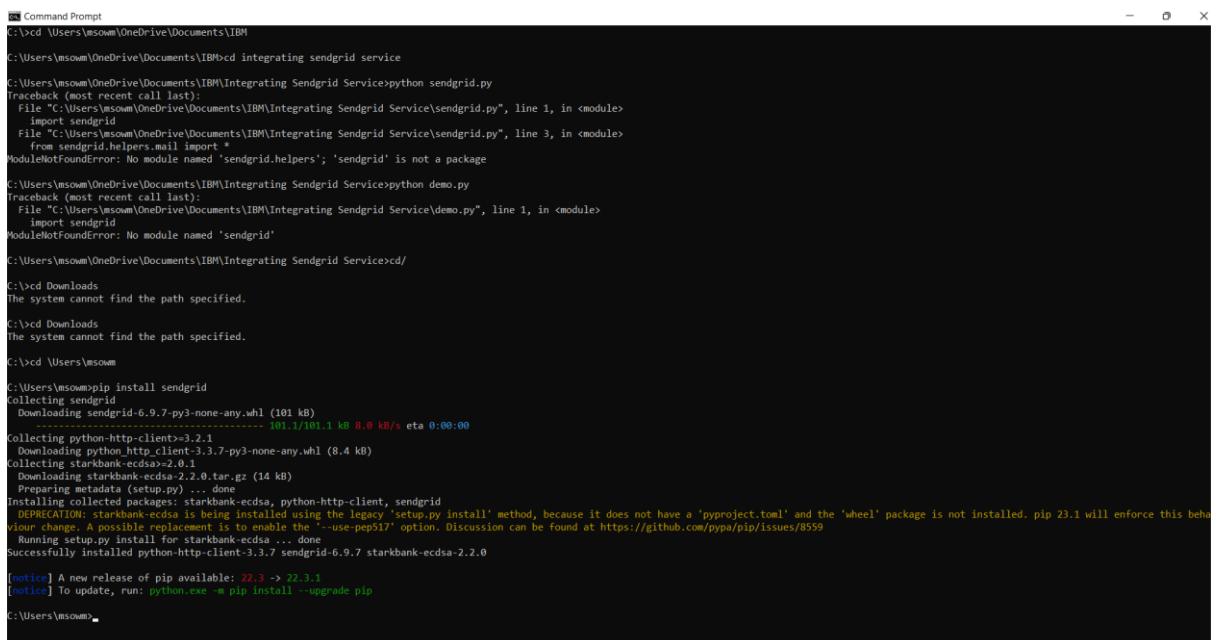


Creating a Virtual Environment “Integrating SendGrid Service” and creating demo.py file with the following code inside the virtual environment:



```
7
8 sg = sendgrid.SendGridAPIClient(api_key= 'SG.-KONNq0-TjSVLpEak9f78w.Uqkw6IgzBIZYHNGkay-FF8Fctr-dfhqtRtL
9 from_email = email("19cs05@syedengg.co.in")
10 to_email = To("19cs017@syedengg.co.in")
11 subject = "Sending with SendGrid"
12 content = contextlib("text/plain", "Smart Fashion Recommender Application")
13 mail = mailbox(from_email, to_email, subject, content)
14 response = sg.client.mail.send.post(request_body=mail.get())
15 print(response.status_code)
16 print(response.body)
17 print(response.headers)
```

Running the python file through the terminal:



```
C:\>cd \Users\msowm\OneDrive\Documents\IBM
C:\Users\msowm\OneDrive\Documents\IBM>cd Integrating sendgrid service
C:\Users\msowm\OneDrive\Documents\IBM>cd Integrating Sendgrid Service>python sendgrid.py
Traceback (most recent call last):
  File "C:\Users\msowm\OneDrive\Documents\IBM>Integrating Sendgrid Service\sendgrid.py", line 1, in <module>
    import sendgrid
  File "C:\Users\msowm\OneDrive\Documents\IBM>Integrating Sendgrid Service\sendgrid.py", line 3, in <module>
    from sendgrid.helpers.mail import *
ModuleNotFoundError: No module named 'sendgrid.helpers'; 'sendgrid' is not a package

C:\Users\msowm\OneDrive\Documents\IBM>cd Integrating Sendgrid Service>python demo.py
Traceback (most recent call last):
  File "C:\Users\msowm\OneDrive\Documents\IBM>Integrating Sendgrid Service\demo.py", line 1, in <module>
    import sendgrid
ModuleNotFoundError: No module named 'sendgrid'

C:\Users\msowm\OneDrive\Documents\IBM>cd Integrating Sendgrid Service>cd/
C:\>cd Downloads
The system cannot find the path specified.

C:\>cd Downloads
The system cannot find the path specified.

C:\>cd \Users\msowm
C:\Users\msowm>pip install sendgrid
Collecting sendgrid
  Downloading sendgrid-6.9.7-py3-none-any.whl (101 kB)
    ----- 101.1/101.1 kB 0.0 kB/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 behav
  our change. A possible replacement is to enable the '--use-pep517' option. Discussion can be found at https://github.com/pypa/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

[notice] A new release of pip available: 22.1 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip

C:\Users\msowm>
```

Test mail received via Sendgrid:

