Integrating SendGrid Service

SendGrid Integration With Python Code

Date	09 November 2022
Team ID	PNT2022TMID48189
Project Name	Plasma Donor Application

Creating an API Key

app.sendgrid.com/settings/api_keys

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Aarthi Sankar

API Keys

Create API Key

Dashboard

NAME	API KEY	ACTION
Aarthi API Key ID: OjgwPnPUSGqT_Ds8JMk-vQ	⚷ ••••••••••••••••••••	⚙ ⌄

Email API

Marketing

Design Library

Stats

Activity

Suppressions

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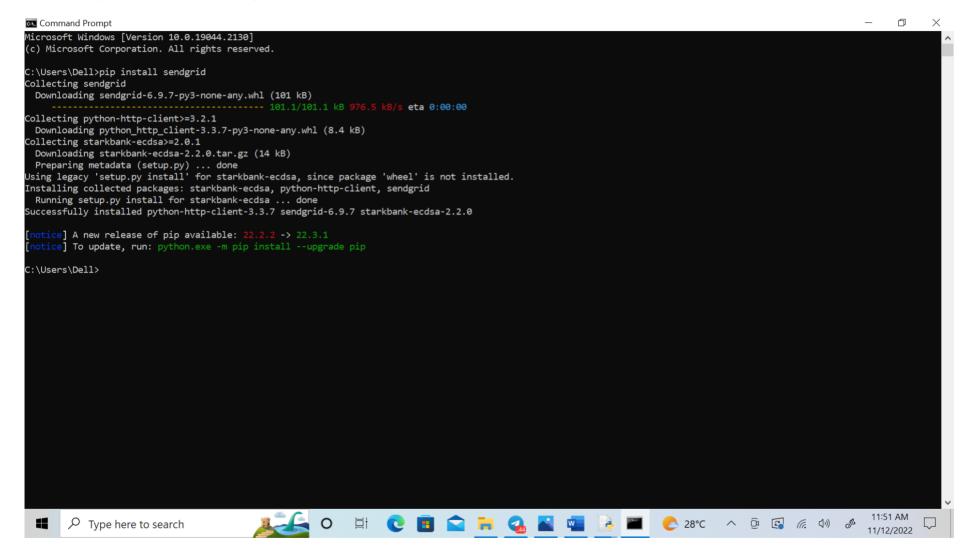**Creating a Virtual Environment "Integrating SendGrid Service" and creating demo.py file with the following code inside the virtual environment**


```python
import sendgrid
import os
from sendergrid.helpers.mail import *
sg=sendgrid.SendGridAPIClient(api_key='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')
from_email=Email("19cs001@syedengg.co.in")
to_email=To("19cs006@syedengg.co.in")
subject="Sending with SendGrid"
content=Content("text/plain","Plasma donor application")
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)
```

Running the python file through the terminal

Test mail received via Sendgrid