

Integrating SendGrid Service
SendGrid Integration With Python Code

Date	09 November 2022
Team ID	PNT2022TMID48197
Project Name	Skill/Job Recommender Application

Creating an API Key

SendGrid

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app.sendgrid.com/settings/api_keys

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API Keys

Create API Key

NAME	API KEY	ACTION
<div>Thaslima</div> <div>API Key ID: OjgwPnPUSGqT_Ds8JmK-vQ</div>	🔑	⚙️ ▾

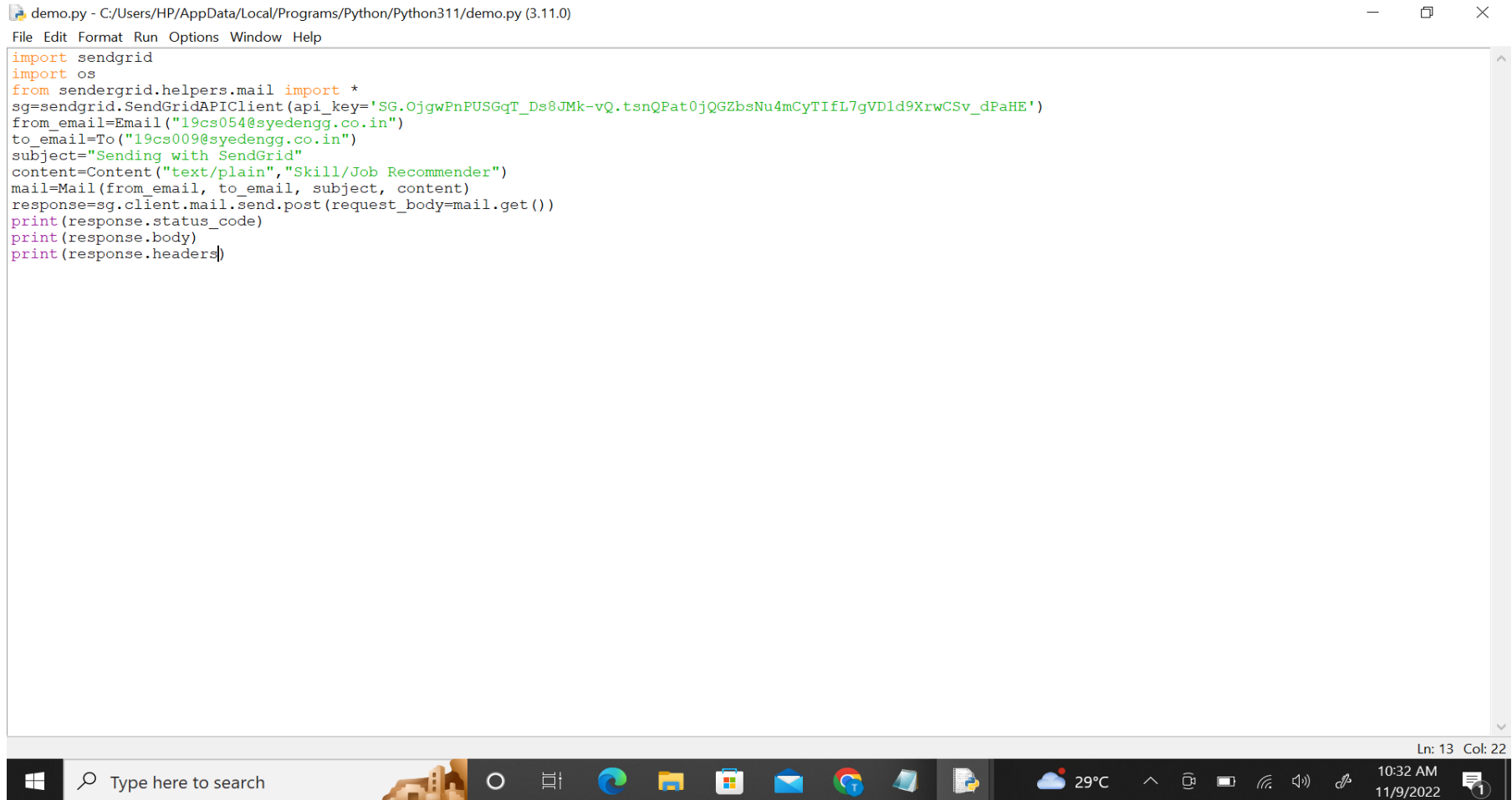
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29°C

10:22 AM
11/9/2022

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



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

