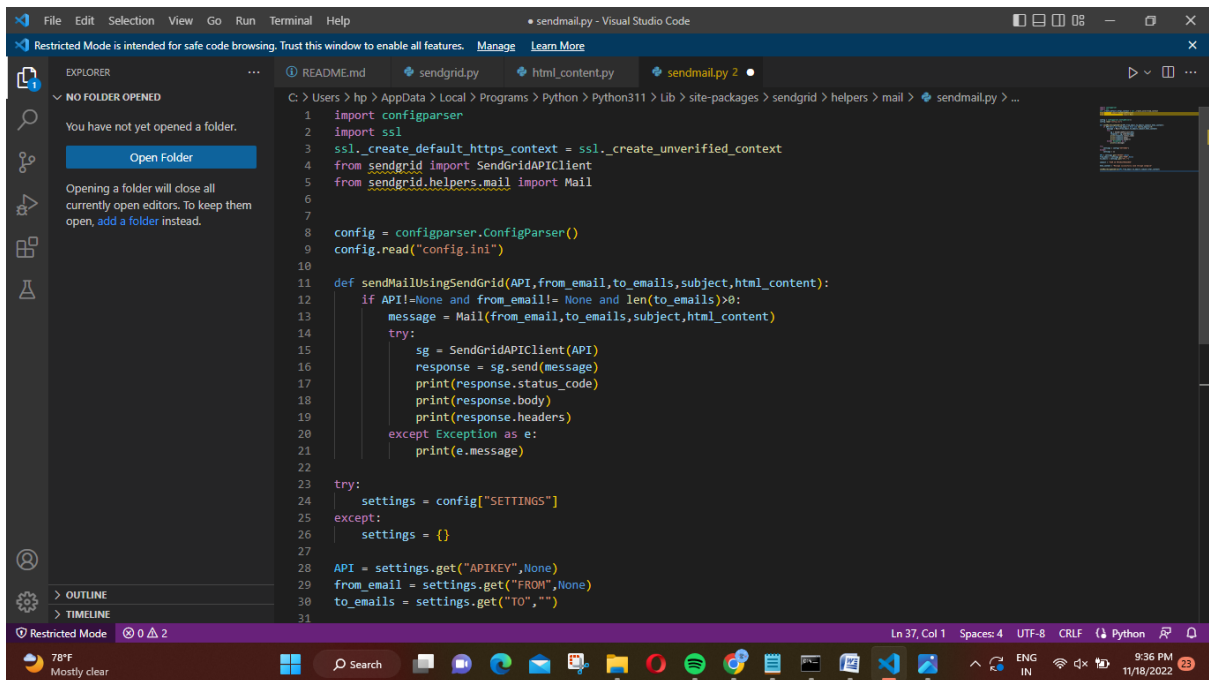


# Integrating SendGrid Service

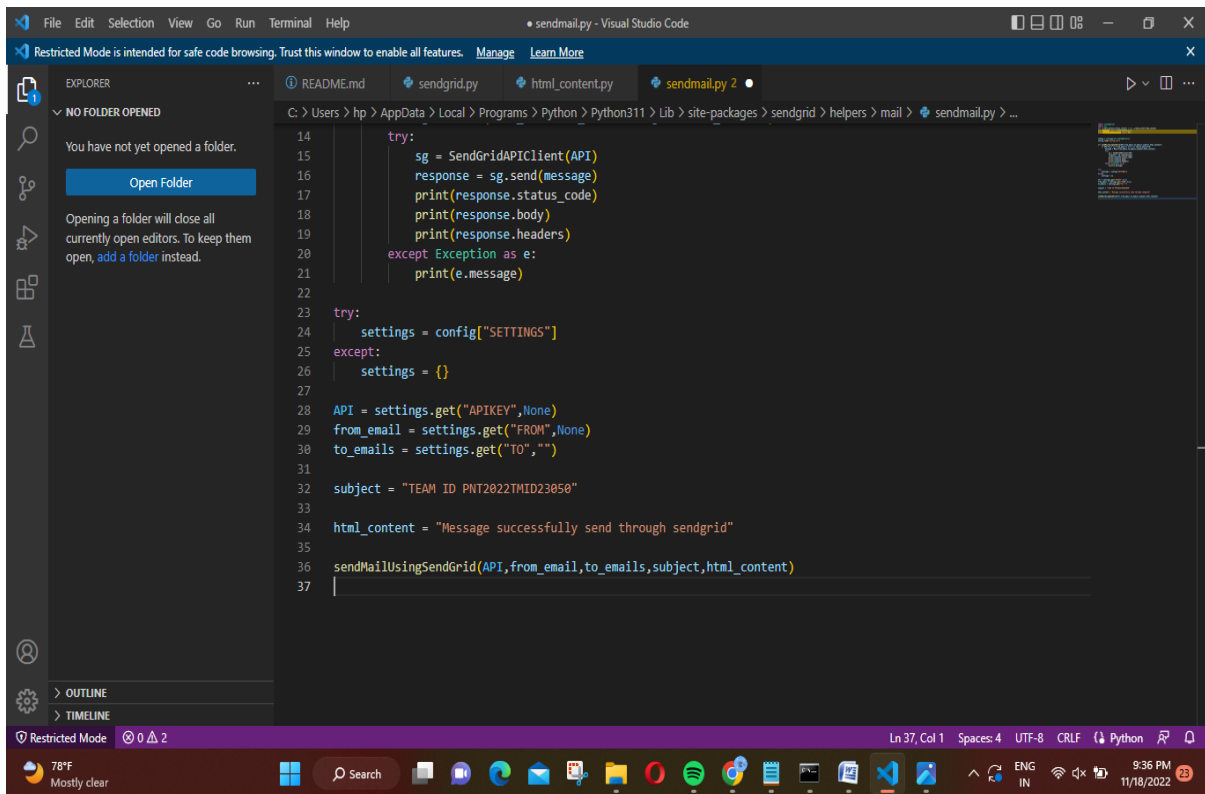
## SendGrid Integration With Python Code

Team Id	PNT2022TMID23044
Project Name	Skill and Job Recommender
Team Members	Ramya V Subhashree S Sree Krishna B Kirthana B

### sendmail.py



```
1 import configparser
2 import ssl
3 ssl._create_default_https_context = ssl._create_unverified_context
4 from sendgrid import SendGridAPIClient
5 from sendgrid.helpers.mail import Mail
6
7
8 config = configparser.ConfigParser()
9 config.read("config.ini")
10
11 def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):
12     if API!=None and from_email!= None and len(to_emails)>0:
13         message = Mail(from_email,to_emails,subject,html_content)
14         try:
15             sg = SendGridAPIClient(API)
16             response = sg.send(message)
17             print(response.status_code)
18             print(response.body)
19             print(response.headers)
20         except Exception as e:
21             print(e.message)
22
23 try:
24     settings = config["SETTINGS"]
25 except:
26     settings = {}
27
28 API = settings.get("APIKEY",None)
29 from_email = settings.get("FROM",None)
30 to_emails = settings.get("TO","")
31
```



## config.ini

API = OUR API

FROM = from@gmail.com

TO = to@gmail.com

```
C:\Users\hp\sendgrid> pip install sendgrid
Requirement already satisfied: sendgrid in c:\users\hp\appdata\local\programs\python\python311\lib\site-packages (6.9.7)
Requirement already satisfied: python-http-client>=3.2.1 in c:\users\hp\appdata\local\programs\python\python311\lib\site-packages (from sendgrid) (3.3.7)
Requirement already satisfied: starkbank-ecdsa>=2.0.1 in c:\users\hp\appdata\local\programs\python\python311\lib\site-packages (from sendgrid) (2.2.0)

C:\Users\hp\sendgrid>C:\Users\hp\AppData\Local\Programs\Python\Python311\Lib\site-packages\sendgrid\helpers\mail\sendmail.py

C:\Users\hp\sendgrid>C:\Users\hp\AppData\Local\Programs\Python\Python311\Lib\site-packages\sendgrid\helpers\mail\sendmail.py
```

