SENDGRID INTEGRATION WITH PYTHON CODE

Team ID	PNT2022TMID26966
Project Name	PERSONAL EXPENSE TRACKER APPLICATION

Config.ini
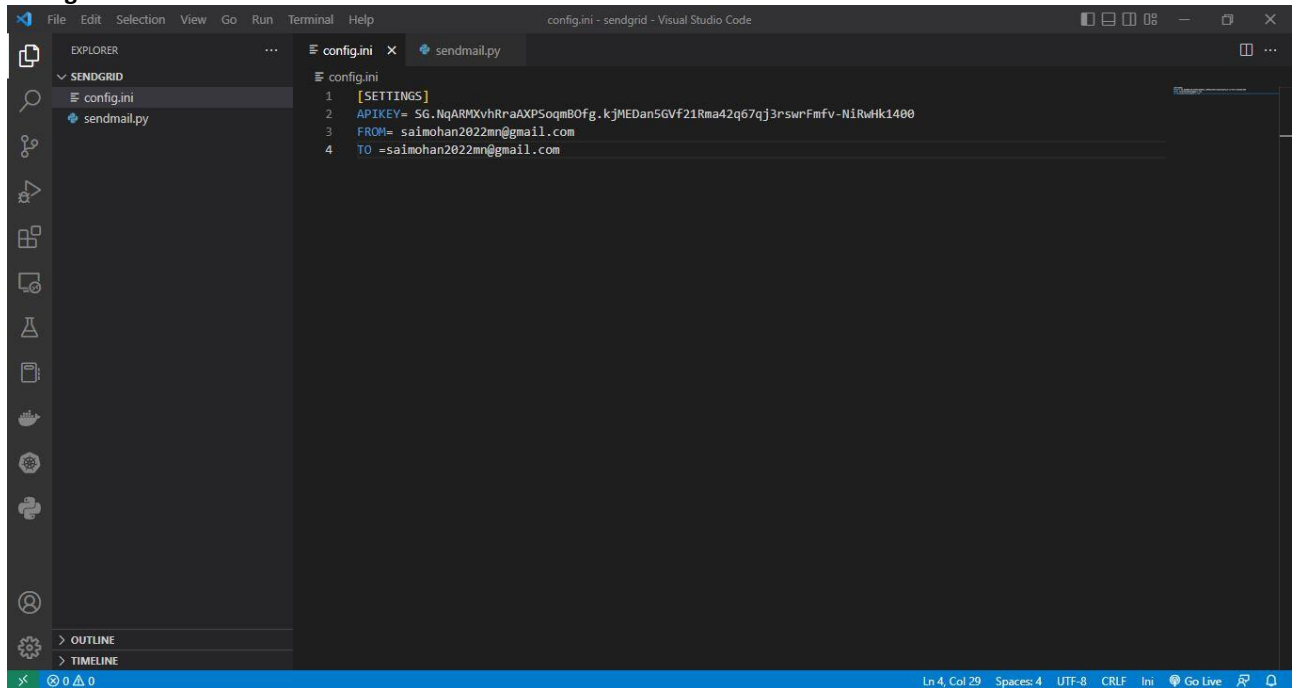
Sendmail.py

```python
import configparser

import ssl
ssl._create_default_https_context = ssl._create_unverified_context
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

config=configparser.ConfigParser()

config.read("config.ini")

def sendMailUsingSendGrid(API, from_email, to_emails, subject,html_content):
    if API!=None and from_email!=None and len(to_emails)>0:
        message= Mail(from_email, to_emails, subject,html_content)
        try:
            sg = SendGridAPIClient(API)
            response = sg.send(message)
            print(response.status_code)
            print(response.body)
```

```python
            print(response.headers)
        except Exception as e:
            print(e.message)

try:

    settings=config["SETTINGS"]

except:

    settings = {}

API= settings.get("APIKEY", None)
from_email = settings.get("FROM", None)
to_emails= settings.get("TO", "")

subject = "Sample test message"

html_content= "Message successfully sent through python sendgrid"

sendMailUsingSendGrid(API, from_email, to_emails, subject,html_content)
```
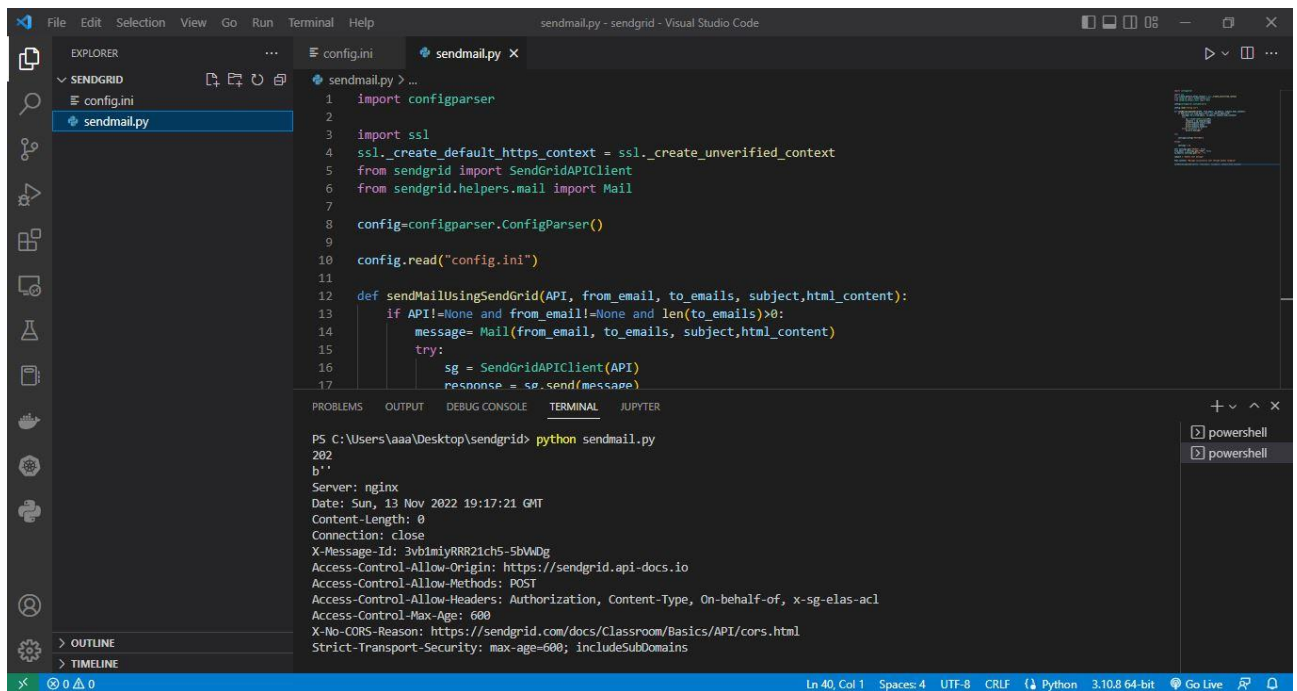
Running the python file through terminal

Mail received