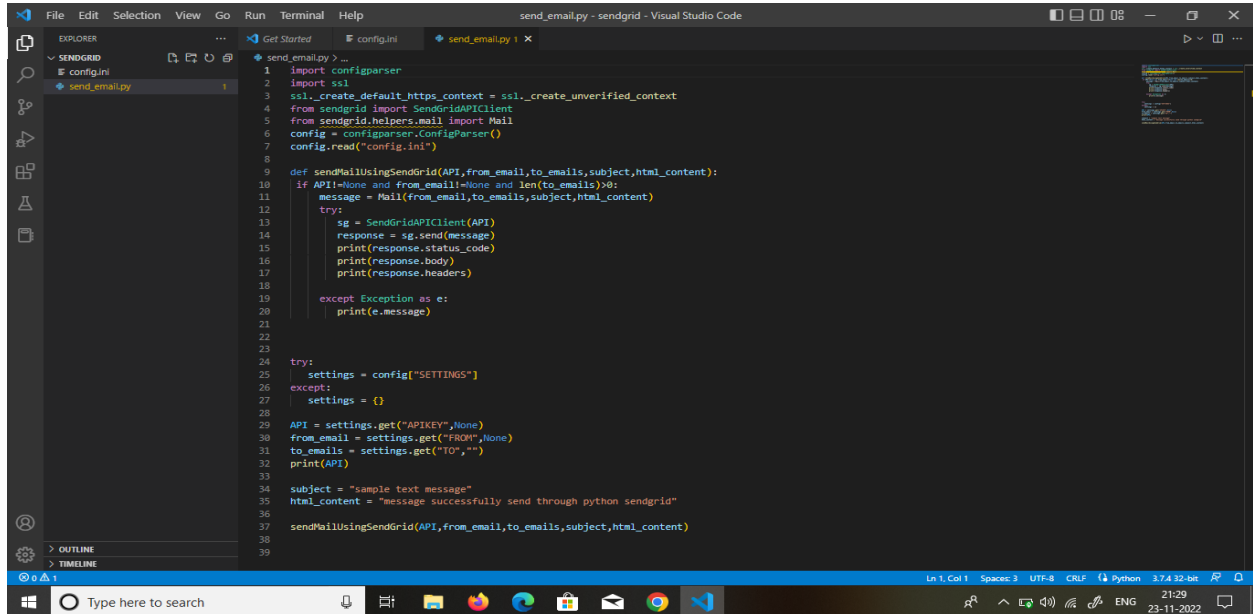


## SENDGRID INTEGRATION WITH PYTHON CODE

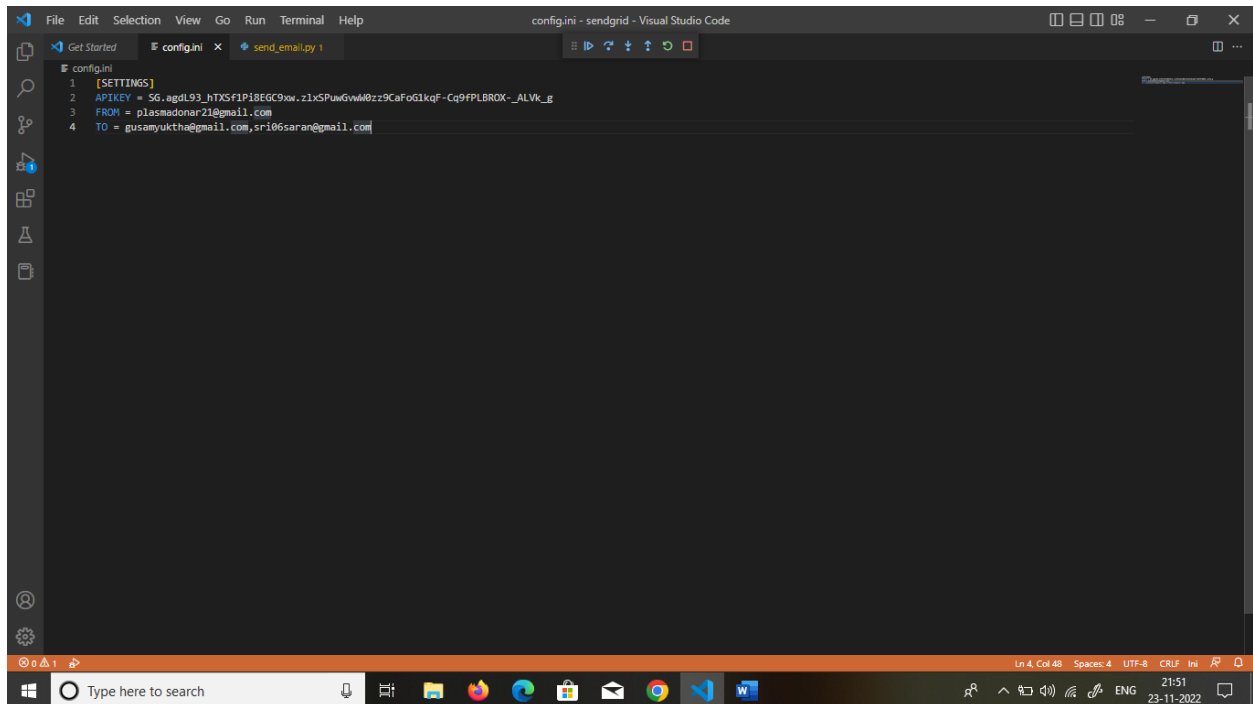
Date	19/11/2022
Team ID	PNT2022TMID46383
Project Name	Plasma Donor Application

### CODE (SEND\_EMAIL.PY) :



```
1 import configparser
2 import ssl
3 ssl._create_default_https_context = ssl._create_unverified_context
4 from sendgrid.helpers.mail import Mail
5 from sendgrid.helpers.mail import Mail
6 config = configparser.ConfigParser()
7 config.read("config.ini")
8
9 def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):
10     if API!=None and from_email!=None and len(to_emails)>0:
11         message = Mail(from_email,to_emails,subject,html_content)
12         try:
13             sg = SendGridAPIClient(API)
14             response = sg.send(message)
15             print(response.status_code)
16             print(response.body)
17             print(response.headers)
18         except Exception as e:
19             print(e.message)
20
21
22
23
24
25 try:
26     settings = config["SETTINGS"]
27 except:
28     settings = {}
29
30 API = settings.get("APIKEY",None)
31 from_email = settings.get("FROM",None)
32 to_emails = settings.get("TO","")
33 print(API)
34
35 subject = "sample text message"
36 html_content = "message successfully send through python sendgrid"
37
38 sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content)
39
```

### CODE (CONFIG.INI) :



```
1 [SETTINGS]
2 APIKEY = SG.agdL93_hTXSf1P18EGC9xw.21xSPuWGVm0z9CaFoG1kqF-Cq9FPLBROX-_ALVx_g
3 FROM = plasmadonar21@gmail.com
4 TO = gusamyuktha@gmail.com,sri06saran@gmail.com
```

## SEND EMAILS :

