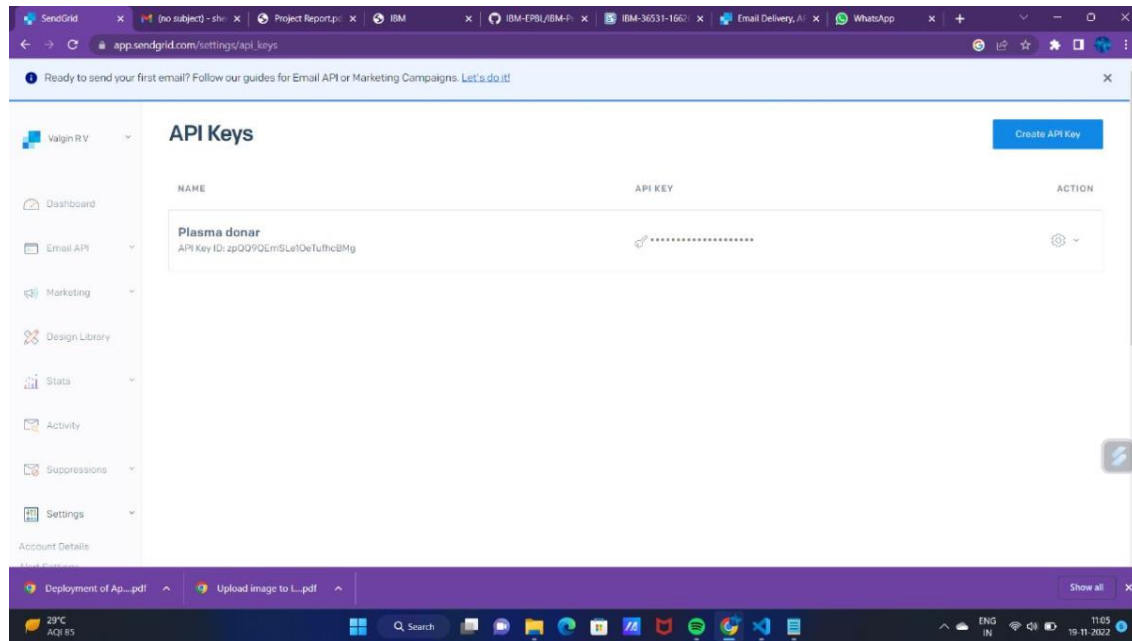


## INTEGRATING SENDGRID SERVICE

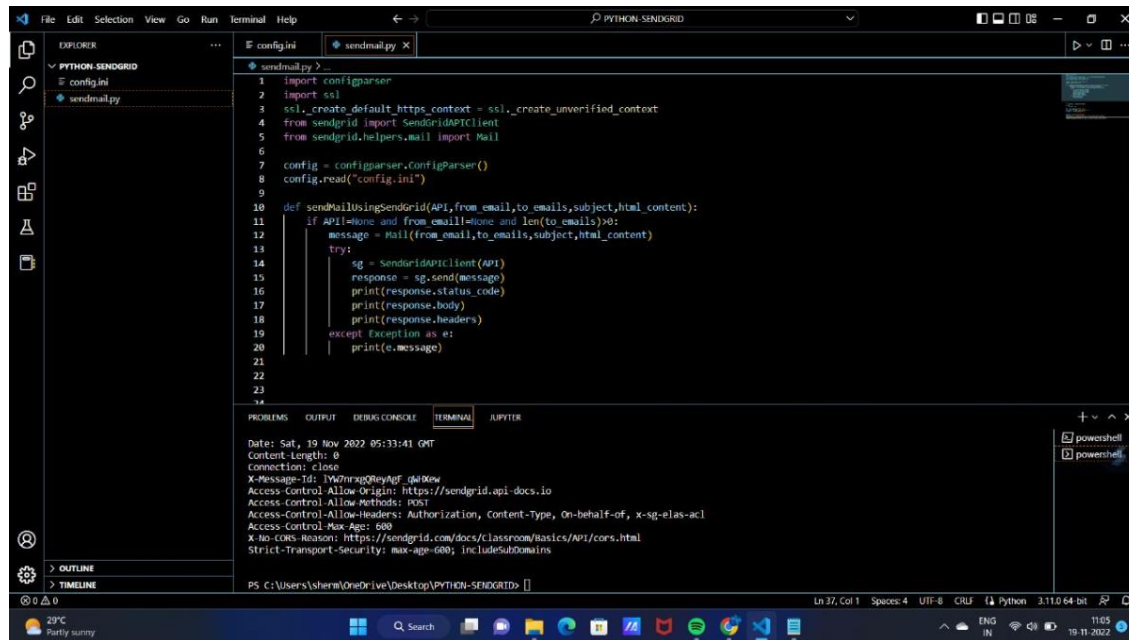
Team ID	PNT2022TMID34946
Project Name	Plasma Donor Application

### Create an API key



Install package: >pip install Sendgrid

Send mail

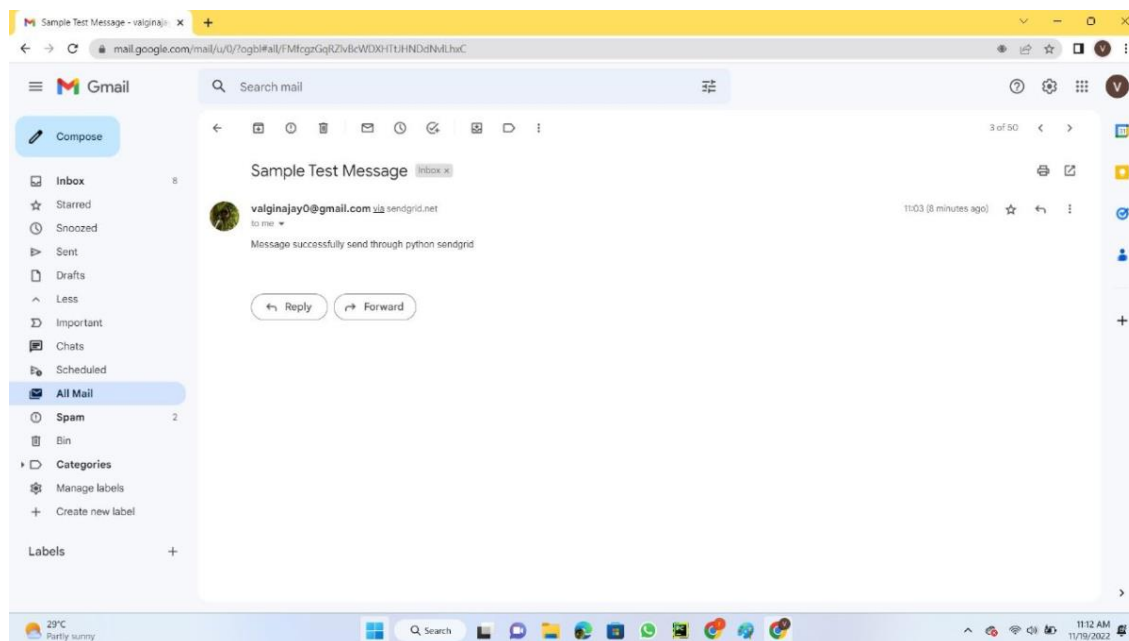


```
1 import configparser
2 import ssl
3 ssl._create_default_https_context = ssl._create_unverified_context
4 from sendgrid import SendGridAPIClient
5 from sendgrid.helpers.mail import Mail
6
7 config = configparser.ConfigParser()
8 config.read("config.ini")
9
10 def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):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

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

Date: Sat, 19 Nov 2022 05:33:41 GMT  
Content-Length: 0  
Connection: close  
X-Message-Id: 1Y67mrXgQ9eyAgf\_dW0Xw  
Access-Control-Allow-Origin: https://sendgrid.api-docs.io  
Access-Control-Allow-Methods: POST  
Access-Control-Allow-Headers: Authorization, Content-Type, On-behalf-of, x-sg-elas-acl  
Access-Control-Max-Age: 600  
X-No-CORS-Reason: https://sendgrid.com/docs/Classroom/basics/API/cors.html  
Strict-Transport-Security: max-age=600; includeSubDomains

PS C:\Users\sherni\OneDrive\Desktop\PYTHON-SENDGRID>



## Sendgrid mail activity

