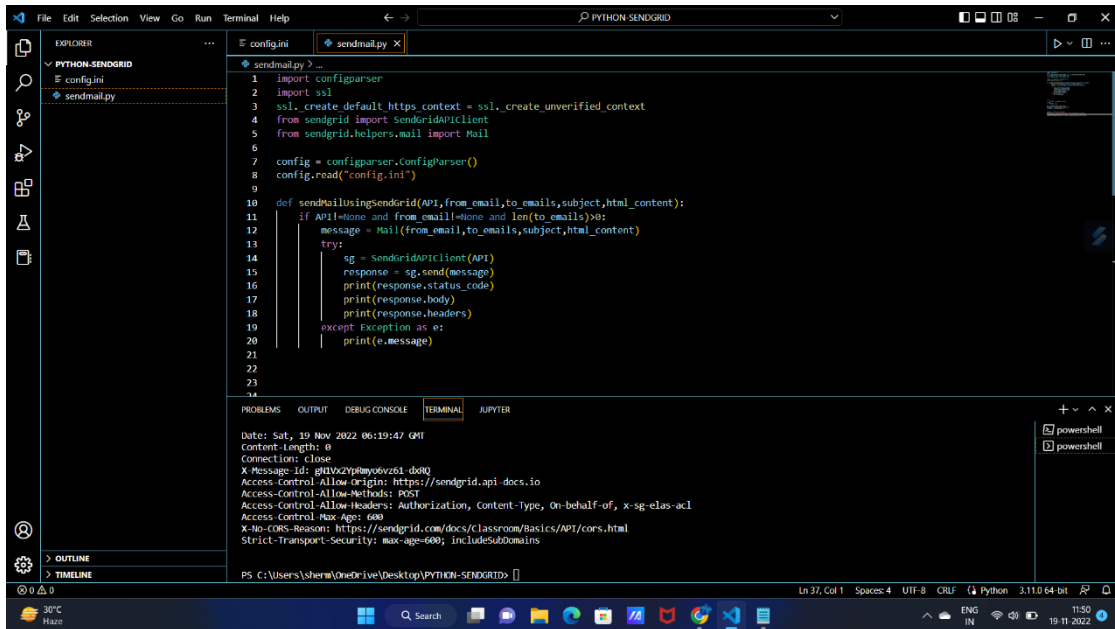


Integrating send grid service

DATE	28 October 2022
TEAM ID	PNT2022TMID34971
PROJECT NAME	Inventory Management System for Retailers

SEND GRID:



The screenshot shows a Python IDE with a file explorer on the left containing 'config.ini' and 'sendmail.py'. The main editor displays the 'sendmail.py' file with the following code:

```
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
```

The bottom panel shows the terminal output with the following details:

```
Date: Sat, 19 Nov 2022 06:19:47 GMT
Content-Length: 0
Connection: close
X-Message-Id: gRUVx2Yp0m9o7vz61-d0q
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
```

