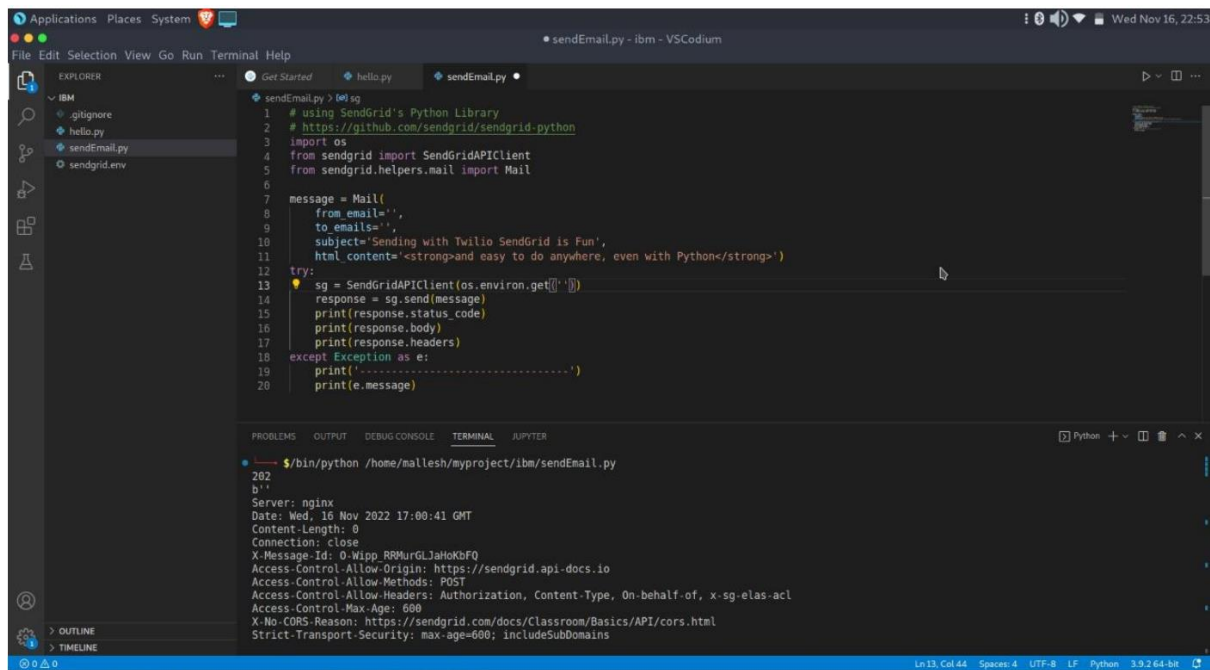


SENDGRID INTEGRATION WITH PYTHON



The screenshot shows a VS Code editor window with a file explorer on the left containing files like .gitignore, hello.py, sendEmail.py, and sendgrid.env. The main editor displays a Python script named sendEmail.py. The script imports the SendGrid API client and Mail helper, constructs an email message, and sends it. The terminal at the bottom shows the command to run the script and the resulting HTTP response from the SendGrid API, indicating a successful 202 status.

```
1 # using SendGrid's Python Library
2 # https://github.com/sendgrid/sendgrid-python
3 import os
4 from sendgrid import SendGridAPIClient
5 from sendgrid.helpers.mail import Mail
6
7 message = Mail(
8     from_email='',
9     to_email='',
10    subject='Sending with Twilio SendGrid is Fun',
11    html_content='<strong>and easy to do anywhere, even with Python</strong>')
12
13 try:
14     sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
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('-----')
21     print(e.message)
```

```
$ /bin/python /home/malles/mypoint/ibm/sendEmail.py
202
b''
Server: nginx
Date: Wed, 16 Nov 2022 17:00:41 GMT
Content-Length: 0
Connection: close
X-Message-Id: 0-Wipp_RRMurGLJaHokbFQ
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
X-No-CORS-Reason: https://sendgrid.com/docs/Classroom/Basics/API/cors.html
Strict-Transport-Security: max-age=600; includeSubDomains
```

