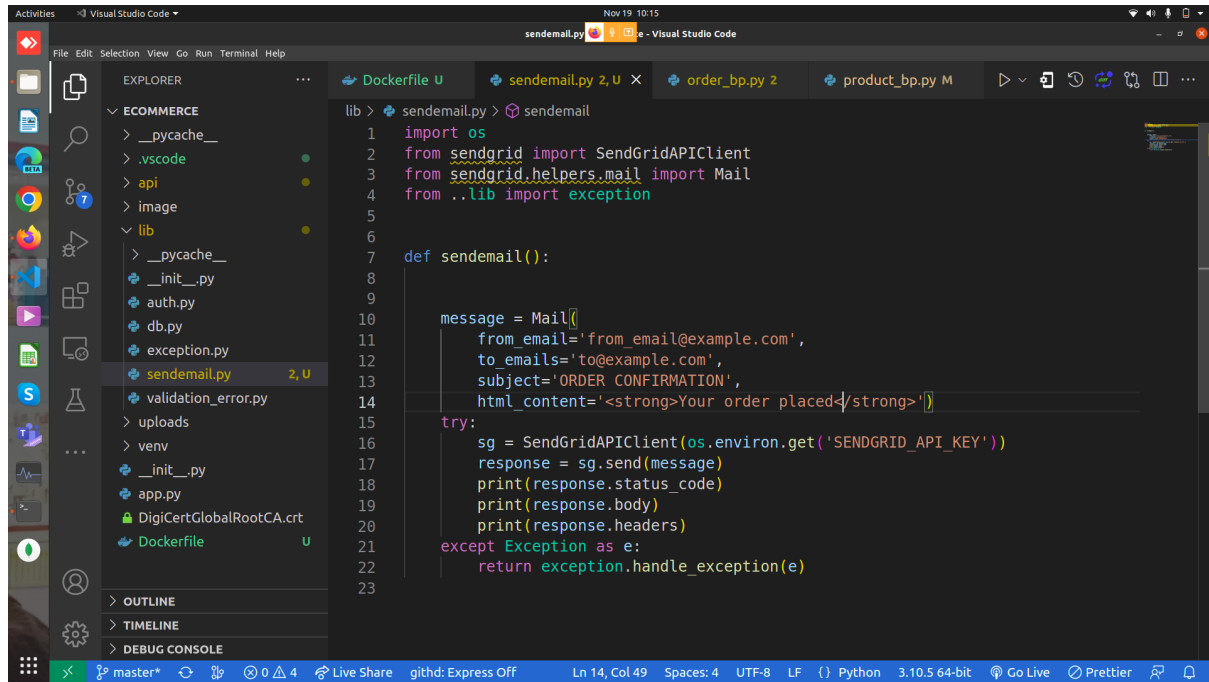


## SendGrid Integration With Python Code

DATE	12 NOVEMBER 2022
TEAM ID	PNT2022TMID29308
PROJECT NAME	SMART FASHION RECOMMENDER APPLICATION



The screenshot shows the Visual Studio Code interface with a project named 'ECOMMERCE'. The file explorer on the left shows a directory structure with files like \_\_pycache\_\_, .vscode, api, image, lib, \_\_pycache\_\_, \_\_init\_\_.py, auth.py, db.py, exception.py, sendemail.py (selected), validation\_error.py, uploads, venv, \_\_init\_\_.py, app.py, DigiCertGlobalRootCA.crt, Dockerfile, and OUTLINE, TIMELINE, and DEBUG CONSOLE panels. The main editor window displays the code for 'sendemail.py'.

```
lib > sendemail.py > sendemail
1  import os
2  from sendgrid import SendGridAPIClient
3  from sendgrid.helpers.mail import Mail
4  from ..lib import exception
5
6
7  def sendemail():
8
9
10     message = Mail(
11         from_email='from_email@example.com',
12         to_emails='to@example.com',
13         subject='ORDER CONFIRMATION',
14         html_content='<strong>Your order placed</strong>')
15
16     try:
17         sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
18         response = sg.send(message)
19         print(response.status_code)
20         print(response.body)
21         print(response.headers)
22     except Exception as e:
23         return exception.handle_exception(e)
```

### CODE:

```
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail
from ..lib import exception

def sendemail():

    message = Mail(
        from_email='from_email@example.com',
        to_emails='to@example.com',
        subject='ORDER CONFIRMATION',
        html_content='<strong>Your order placed</strong>')
    try:
        sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
```

```
    response = sg.send(message)
    print(response.status_code)
    print(response.body)
    print(response.headers)
except Exception as e:
    return exception.handle_exception(e)
```