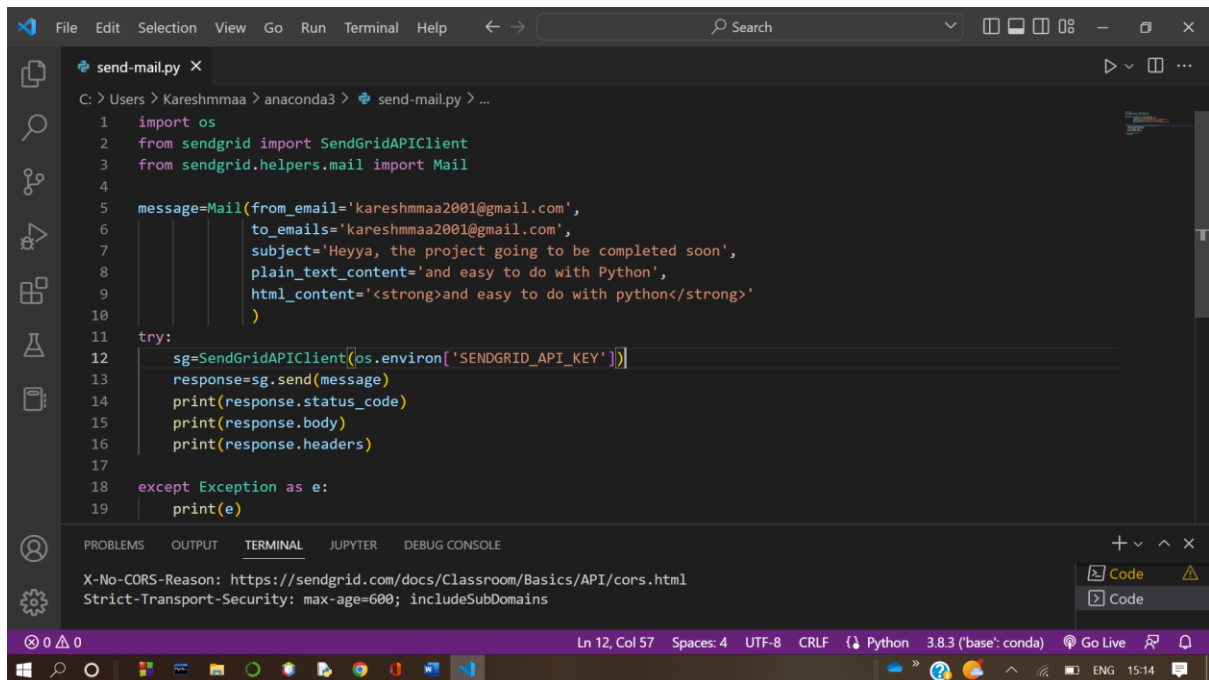


Integrating SendGrid Service

Date	17 October 2022
Team ID	PNT2022TMID43303
Project Name	Project - Inventory Management System for Retailers

SendGrid Integration with Python Code:

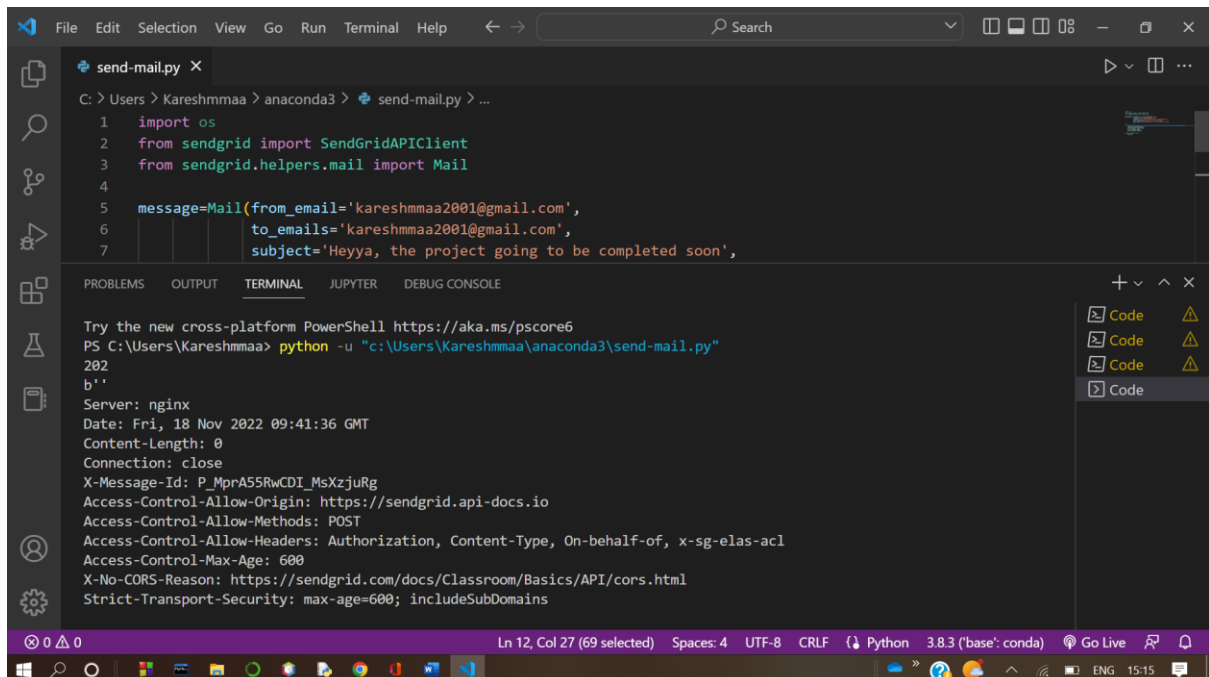


```
File Edit Selection View Go Run Terminal Help
C: > Users > Kareshmmaa > anaconda3 > send-mail.py > ...
1 import os
2 from sendgrid import SendGridAPIClient
3 from sendgrid.helpers.mail import Mail
4
5 message=Mail(from_email='kareshmmaa2001@gmail.com',
6              to_emails='kareshmmaa2001@gmail.com',
7              subject='Heyya, the project going to be completed soon',
8              plain_text_content='and easy to do with Python',
9              html_content='<strong>and easy to do with python</strong>'
10             )
11 try:
12     sg=SendGridAPIClient(os.environ['SENDGRID_API_KEY'])
13     response=sg.send(message)
14     print(response.status_code)
15     print(response.body)
16     print(response.headers)
17
18 except Exception as e:
19     print(e)
```

PROBLEMS OUTPUT TERMINAL JUPYTER DEBUG CONSOLE

X-No-CORS-Reason: <https://sendgrid.com/docs/Classroom/Basics/API/cors.html>
Strict-Transport-Security: max-age=600; includeSubDomains

Ln 12, Col 57 Spaces: 4 UTF-8 CRLF Python 3.8.3 ('base': conda) Go Live



```
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18 except Exception as e:
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```

PROBLEMS OUTPUT TERMINAL JUPYTER DEBUG CONSOLE

Try the new cross-platform PowerShell <https://aka.ms/powershell>
PS C:\Users\Kareshmmaa> python -u "c:\Users\Kareshmmaa\anaconda3\send-mail.py"
202
b''
Server: nginx
Date: Fri, 18 Nov 2022 09:41:36 GMT
Content-Length: 0
Connection: close
X-Message-Id: P_MprA55RwCDI_MsXzjuRg
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

Ln 12, Col 27 (69 selected) Spaces: 4 UTF-8 CRLF Python 3.8.3 ('base': conda) Go Live

Here, the SENDGRID_API_KEY must be substituted with the unique API Key that is provided when the SendGrid account is created.

Note: For security reasons, the key is not exposed.