INTEGRATING SENDGRID SERVICE
Sendgrid Integration with Python Code

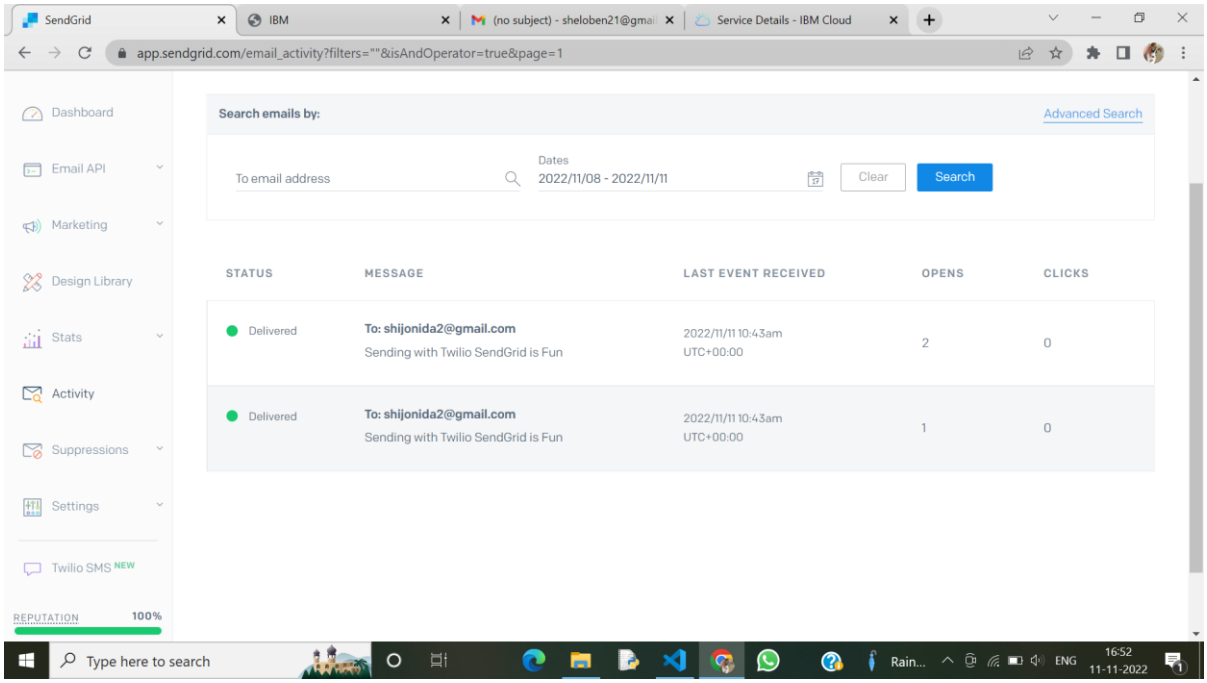
Date	10 October 2022
Team ID	PNT2022TMID34419
Project Name	Inventory Management System for Retailers

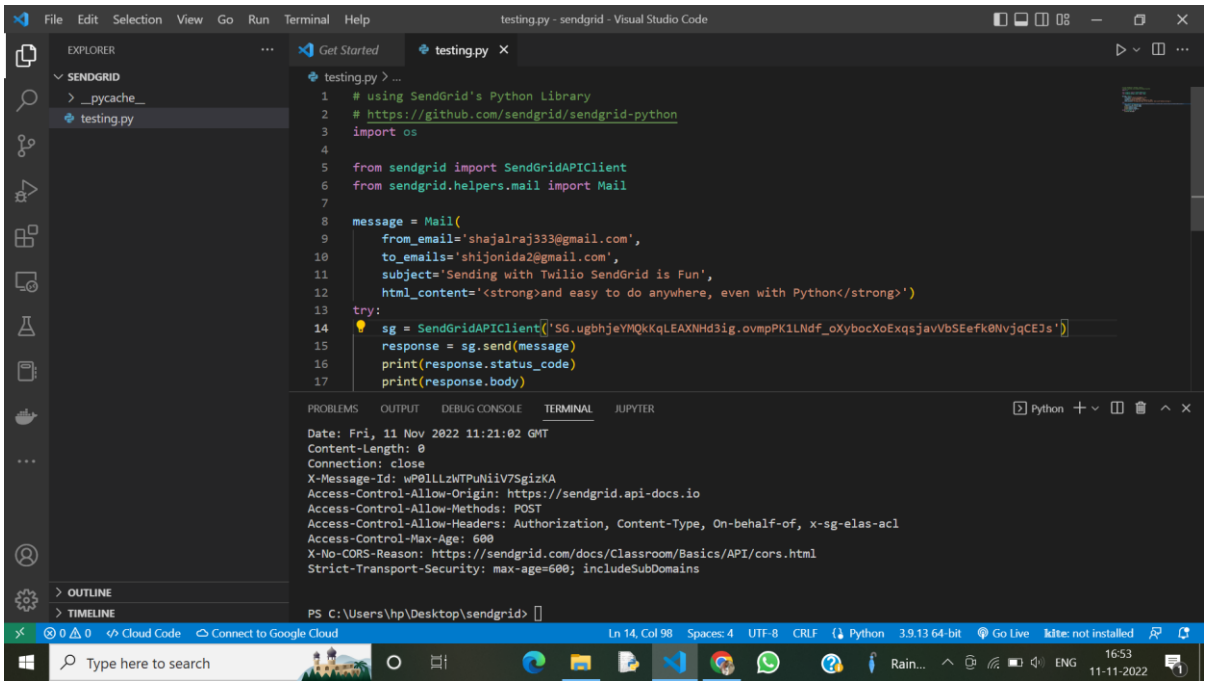
Python Code:

```
# using SendGrid's Python Library
# https://github.com/sendgrid/sendgrid-python
import os

from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

message = Mail(
    from_email='shajalraj333@gmail.com',
    to_emails='shijonida2@gmail.com',
    subject='Sending with Twilio SendGrid is Fun',
    html_content='<strong>and easy to do anywhere, even with
Python</strong>')
try:
    sg =
SendGridAPIClient('SG.ugbhjeYMQkKqLEAXNHd3ig.ovmpPK1LNdf_oXybocXoEx
qsjavVbSEefk0NvjqCEJs')
    response = sg.send(message)
    print(response.status_code)
    print(response.body)
    print(response.headers)
except Exception as e:
    print(e.message)
```


SendGrid
IBM
(no subject) - sheloben21@gmail
Service Details - IBM Cloud
app.sendgrid.com/email_activity?filters=""&isAndOperator=true&page=1
Dashboard
Email API
Marketing
Design Library
Stats
Activity
Suppressions
Settings
Twilio SMS NEW
REPUTATION 100%
Search emails by:
Advanced Search
To email address
Dates
2022/11/08 - 2022/11/11
Clear
Search
STATUS
MESSAGE
LAST EVENT RECEIVED
OPENS
CLICKS
Delivered
To: shijonida2@gmail.com
Sending with Twilio SendGrid is Fun
2022/11/11 10:43am
UTC+00:00
2
0
Delivered
To: shijonida2@gmail.com
Sending with Twilio SendGrid is Fun
2022/11/11 10:43am
UTC+00:00
1
0
Type here to search
Rain...
ENG
16:52
11-11-2022


File Edit Selection View Go Run Terminal Help
testing.py - sendgrid - Visual Studio Code
EXPLORER
SENDGRID
__pycache__
testing.py
Get Started
testing.py
testing.py > ...
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sg = SendGridAPIClient('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')
response = sg.send(message)
print(response.status_code)
print(response.body)
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
JUPYTER
Python
Date: Fri, 11 Nov 2022 11:21:02 GMT
Content-Length: 0
Connection: close
X-Message-Id: wP0lLLzWTPuNiiV7SgizKA
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\hp\Desktop\sendgrid>
OUTLINE
TIMELINE
Cloud Code
Connect to Google Cloud
Ln 14, Col 98
Spaces: 4
UTF-8
CRLF
Python
3.9.13 64-bit
Go Live
Type here to search
Rain...
ENG
16:53
11-11-2022