Team ID:	PNT2022TMID21269
Project Name:	Plasma Donor Application

SendGrid Integration with Python Code:

Creating API Key:

Create API Key

API Key Name •

testAPIKey1

API Key Permissions • ⓘ

Full Access

Allows the API key to access GET, PATCH, PUT, DELETE, and POST endpoints for all parts of your account, excluding billing and Email Address Validation.

Restricted Access

Customize levels of access for all parts of your account, excluding billing and Email Address Validation.

Billing Access

Allows the API key to access billing endpoints for the account. (This is especially useful for Enterprise or Partner customers looking for more advanced account management.)

Cancel   Create & View

API Key Created

Please copy this key and save it somewhere safe.

For security reasons, we cannot show it to you again

Done

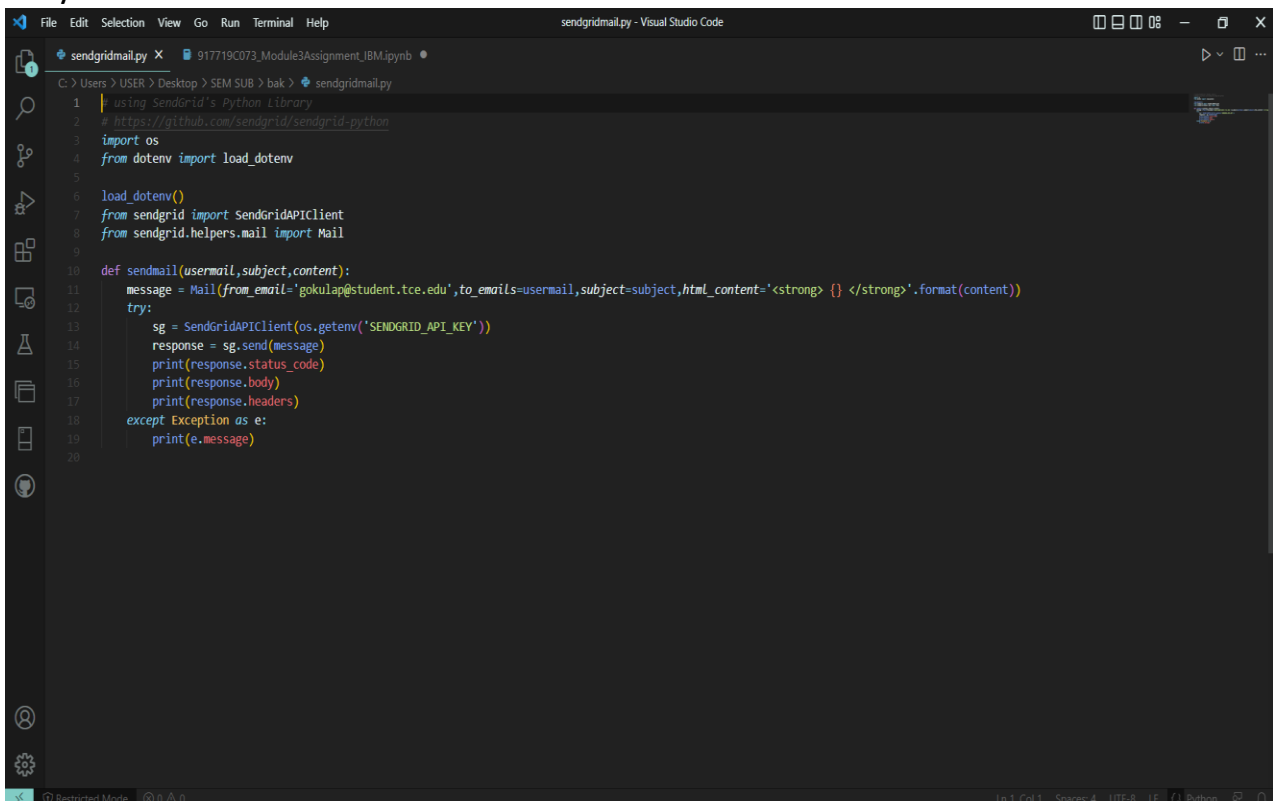## Python Code:

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

load_dotenv()
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

def sendmail(usermail,subject,content):
    message = Mail(from_email='gokulap@student.tce.edu',to_emails=usermail,subject=subject,html_content='<strong> {} </strong>'.format(content))
    try:
        sg = SendGridAPIClient(os.getenv('SENDGRID_API_KEY'))
        response = sg.send(message)
        print(response.status_code)
        print(response.body)
        print(response.headers)
    except Exception as e:
        print(e.message)
```

OUTPUT:

SendGrid Mail Service

From 510919205023@smartinternz.com via sendgrid.net on 2022-11-17 23:44

Details

Integrating done with SendGrid and python code!