

Team ID:	PNT2022TMID21269
Project Name:	Plasma Donor Application


## SendGrid Integration with Python Code:


Creating API Key:


### Create API Key

API Key Name •  
testAPIKey| i

API Key Permissions • i

☒  **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



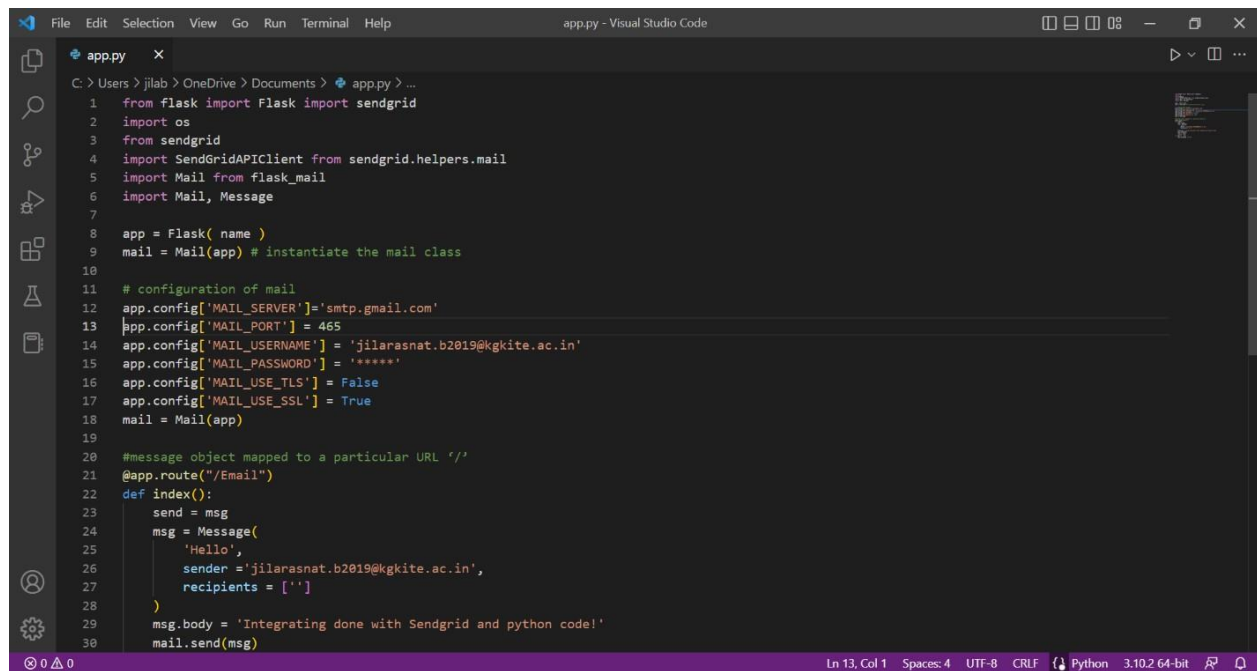
### API Key Created

Please copy this key and save it somewhere safe.  
For security reasons, we cannot show it to you again

[Redacted API Key]

Done

## Python Code:



```
1 from flask import Flask import sendgrid
2 import os
3 from sendgrid
4 import SendGridAPIClient from sendgrid.helpers.mail
5 import Mail from flask_mail
6 import Mail, Message
7
8 app = Flask( name )
9 mail = Mail(app) # instantiate the mail class
10
11 # configuration of mail
12 app.config['MAIL_SERVER']='smtp.gmail.com'
13 app.config['MAIL_PORT'] = 465
14 app.config['MAIL_USERNAME'] = 'jilarasnat.b2019@kgkite.ac.in'
15 app.config['MAIL_PASSWORD'] = '*****'
16 app.config['MAIL_USE_TLS'] = False
17 app.config['MAIL_USE_SSL'] = True
18 mail = Mail(app)
19
20 #message object mapped to a particular URL '/'
21 @app.route("/Email")
22 def index():
23     send = msg
24     msg = Message(
25         'Hello',
26         sender = 'jilarasnat.b2019@kgkite.ac.in',
27         recipients = ['']
28     )
29     msg.body = 'Integrating done with Sendgrid and python code!'
30     mail.send(msg)
```

## OUTPUT:

