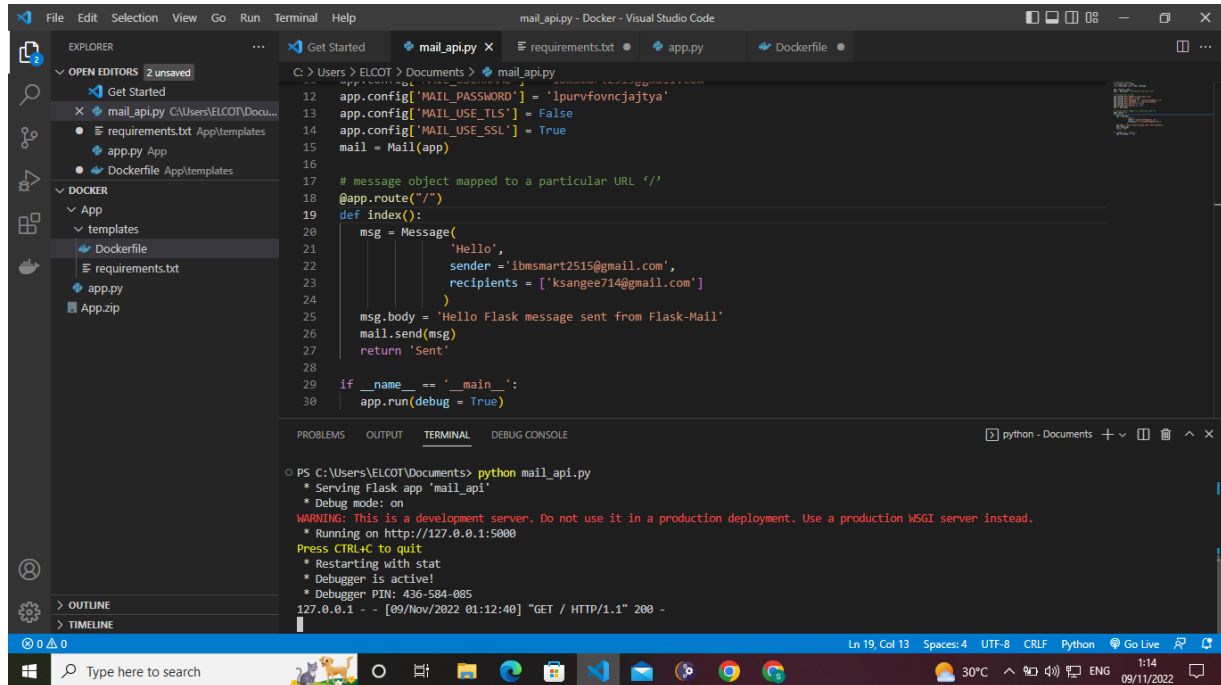


CREATE A SENDGRID ACCOUNT

[Alternate: Using Flask Mail API]



The screenshot shows the Visual Studio Code editor with a project named 'mail_api.py'. The Explorer sidebar on the left shows the file structure: 'mail_api.py', 'requirements.txt', 'app.py', and 'Dockerfile'. The main editor displays the code for 'mail_api.py', which configures Flask-Mail and defines an index route that sends a message. The terminal at the bottom shows the command 'python mail_api.py' being executed, resulting in a warning about using a development server and the application running on http://127.0.0.1:5000.

```
mail_api.py
12 app.config['MAIL_PASSWORD'] = 'lpuvfovcncjajtya'
13 app.config['MAIL_USE_TLS'] = False
14 app.config['MAIL_USE_SSL'] = True
15 mail = Mail(app)
16
17 # message object mapped to a particular URL '/'
18 @app.route("/")
19 def index():
20     msg = Message(
21         'Hello',
22         sender = 'ibmsmart2515@gmail.com',
23         recipients = ['ksangee714@gmail.com']
24     )
25     msg.body = 'Hello Flask message sent from Flask-Mail'
26     mail.send(msg)
27     return 'Sent'
28
29 if __name__ == '__main__':
30     app.run(debug = True)
```

```
PS C:\Users\ELCOT\Documents> python mail_api.py
* Serving Flask app 'mail_api'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 436-584-085
127.0.0.1 - - [09/Nov/2022 01:12:40] "GET / HTTP/1.1" 200 -
```

