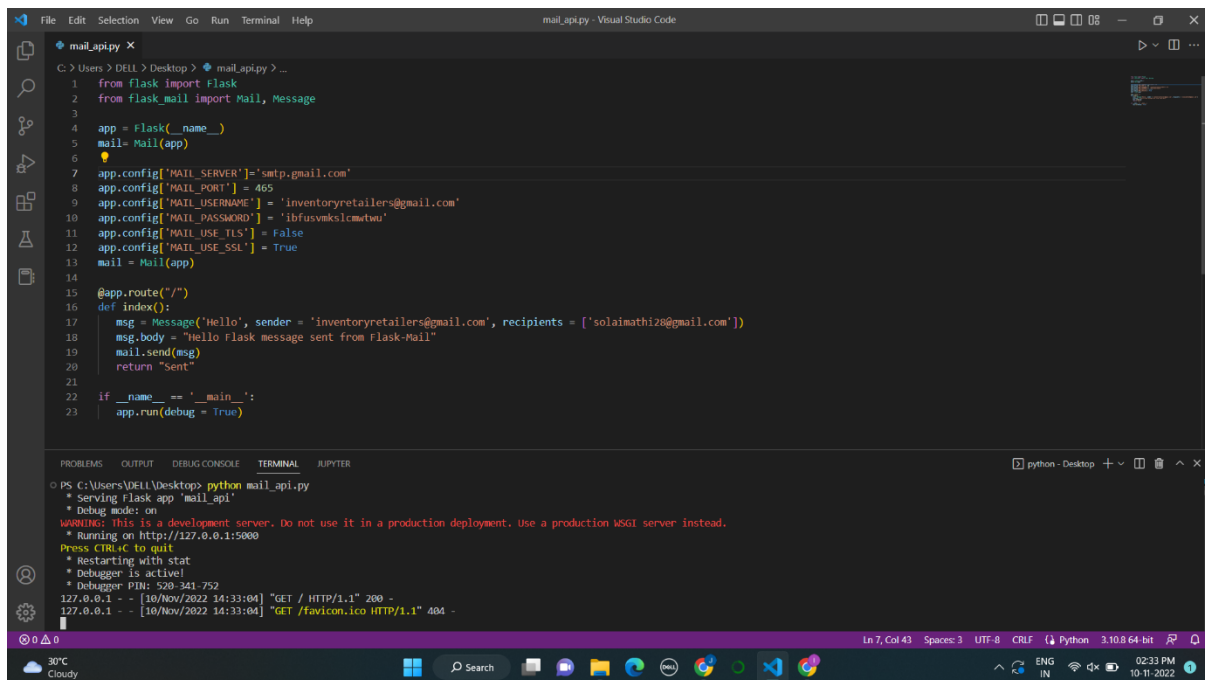


SENDGRID INTEGRATION WITH PYTHON CODE

Task ID	TSK-262931
Team ID	PNT2022TMID44584
Student Name	Solaimathi T
Student Roll Number	731719205019



The screenshot displays a Visual Studio Code editor window with a Python script named `mail_api.py` and its execution output in the terminal.

Python Code:

```
1 from flask import Flask
2 from flask_mail import Mail, Message
3
4 app = Flask(__name__)
5 mail = Mail(app)
6
7 app.config['MAIL_SERVER'] = 'smtp.gmail.com'
8 app.config['MAIL_PORT'] = 465
9 app.config['MAIL_USERNAME'] = 'inventoryretailers@gmail.com'
10 app.config['MAIL_PASSWORD'] = 'ibfusvaks1cm2wu'
11 app.config['MAIL_USE_TLS'] = False
12 app.config['MAIL_USE_SSL'] = True
13 mail = Mail(app)
14
15 @app.route("/")
16 def index():
17     msg = Message('Hello', sender = 'inventoryretailers@gmail.com', recipients = ['solaimathi2@gmail.com'])
18     msg.body = "Hello flask message sent from Flask-Mail"
19     mail.send(msg)
20     return "Sent"
21
22 if __name__ == '__main__':
23     app.run(debug = True)
```

Terminal Output:

```
PS C:\Users\DELL\Desktop> 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: 520-341-752
127.0.0.1 - - [10/Nov/2022 14:33:04] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [10/Nov/2022 14:33:04] "GET /favicon.ico HTTP/1.1" 404 -
```

The terminal output confirms that the Flask application is running on `http://127.0.0.1:5000` and successfully sends an email upon accessing the root URL. A 404 error is noted for the `/favicon.ico` request.

