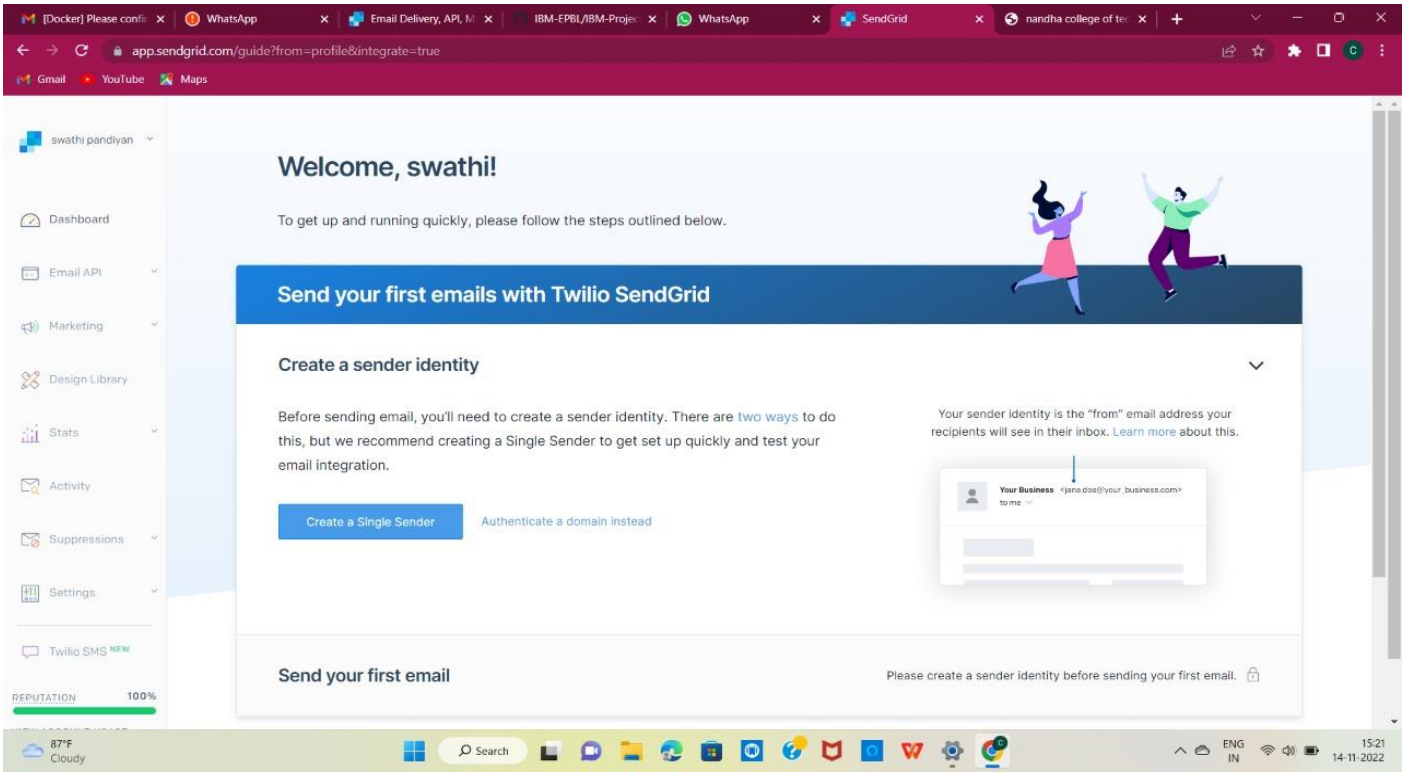
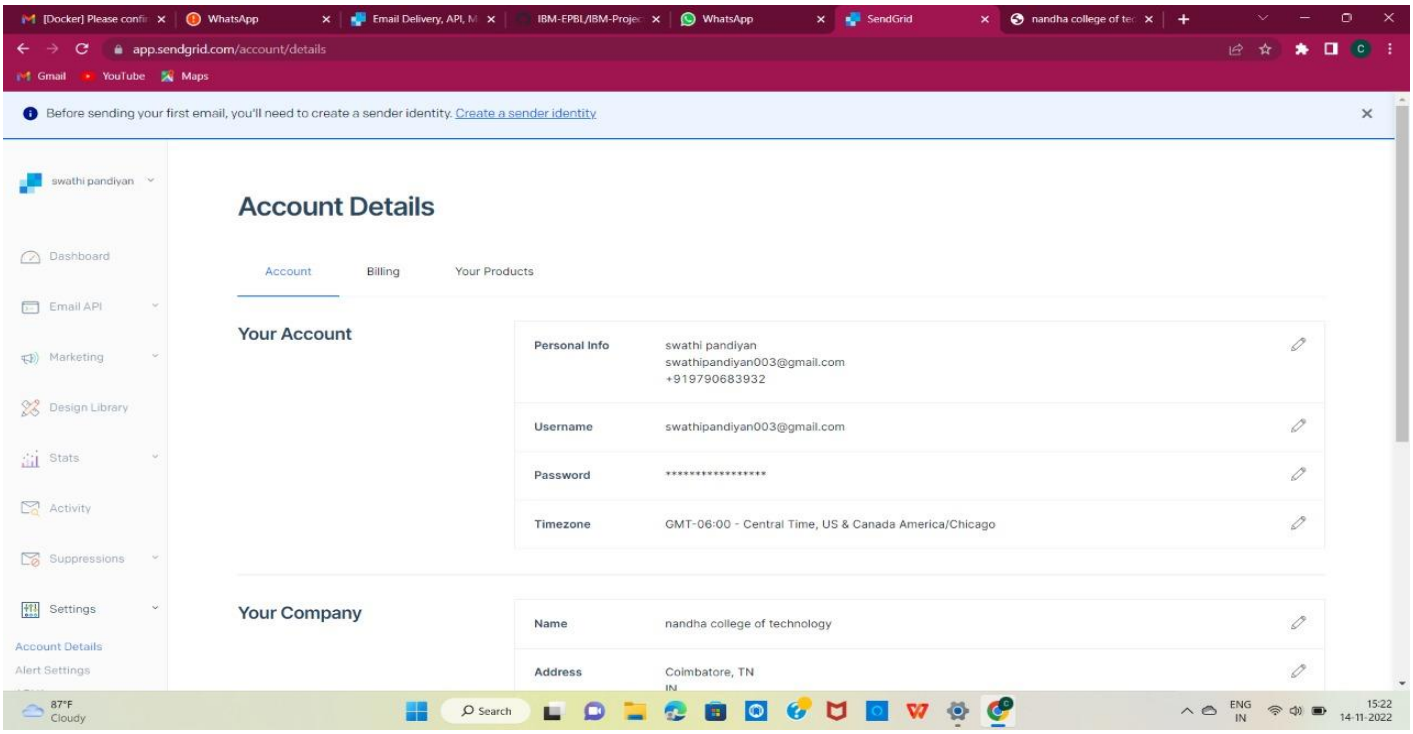
PNT2022TMID32232

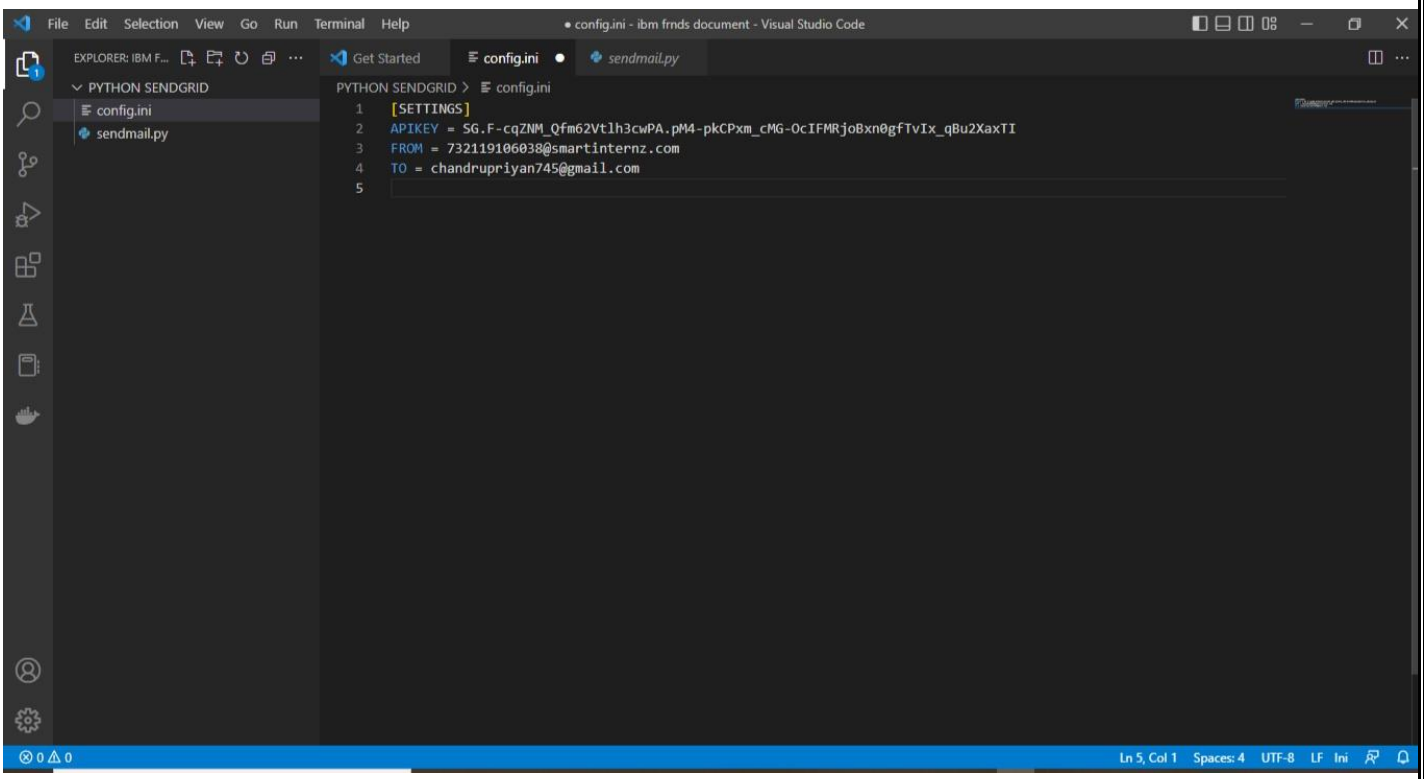
SETTING UP APPLICATION ENVIRONMENT

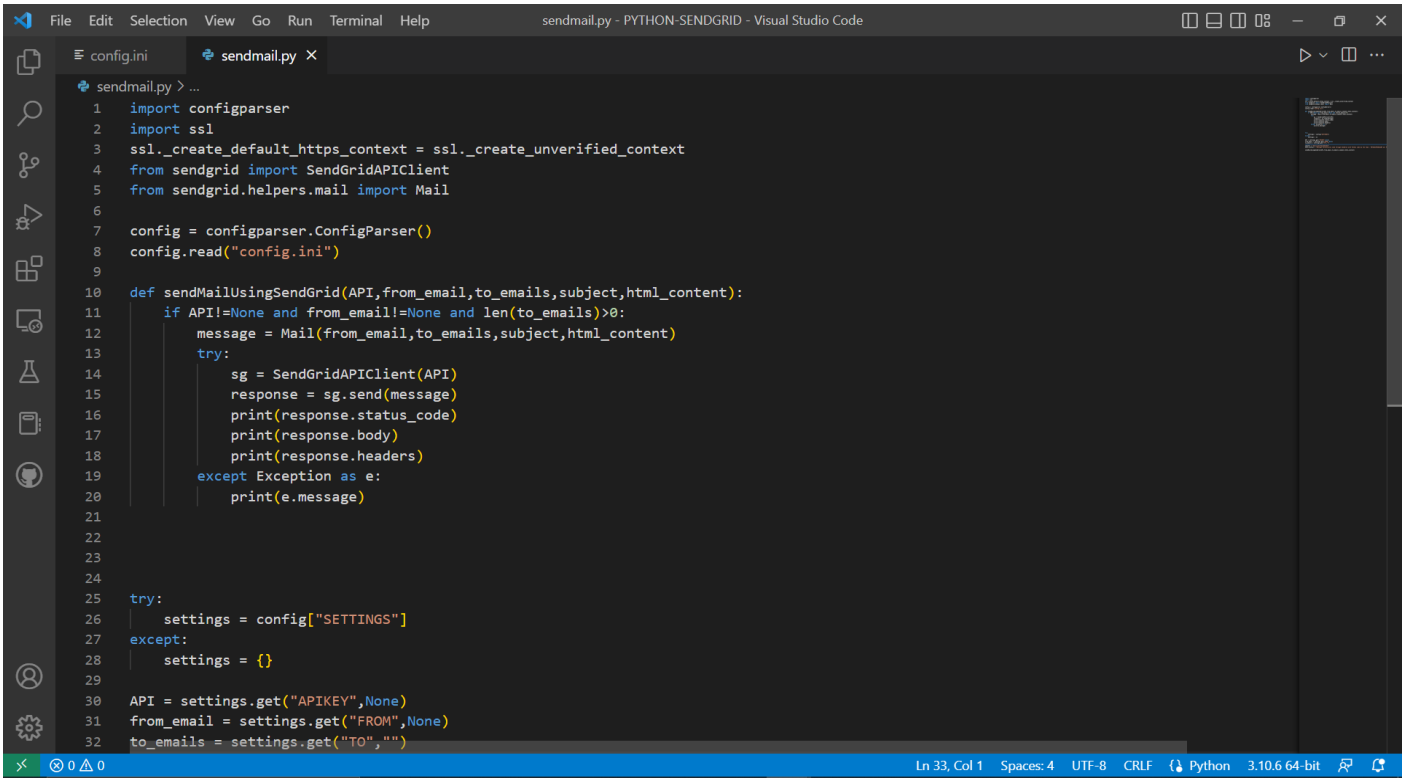
SendGrid Integration with Python Code

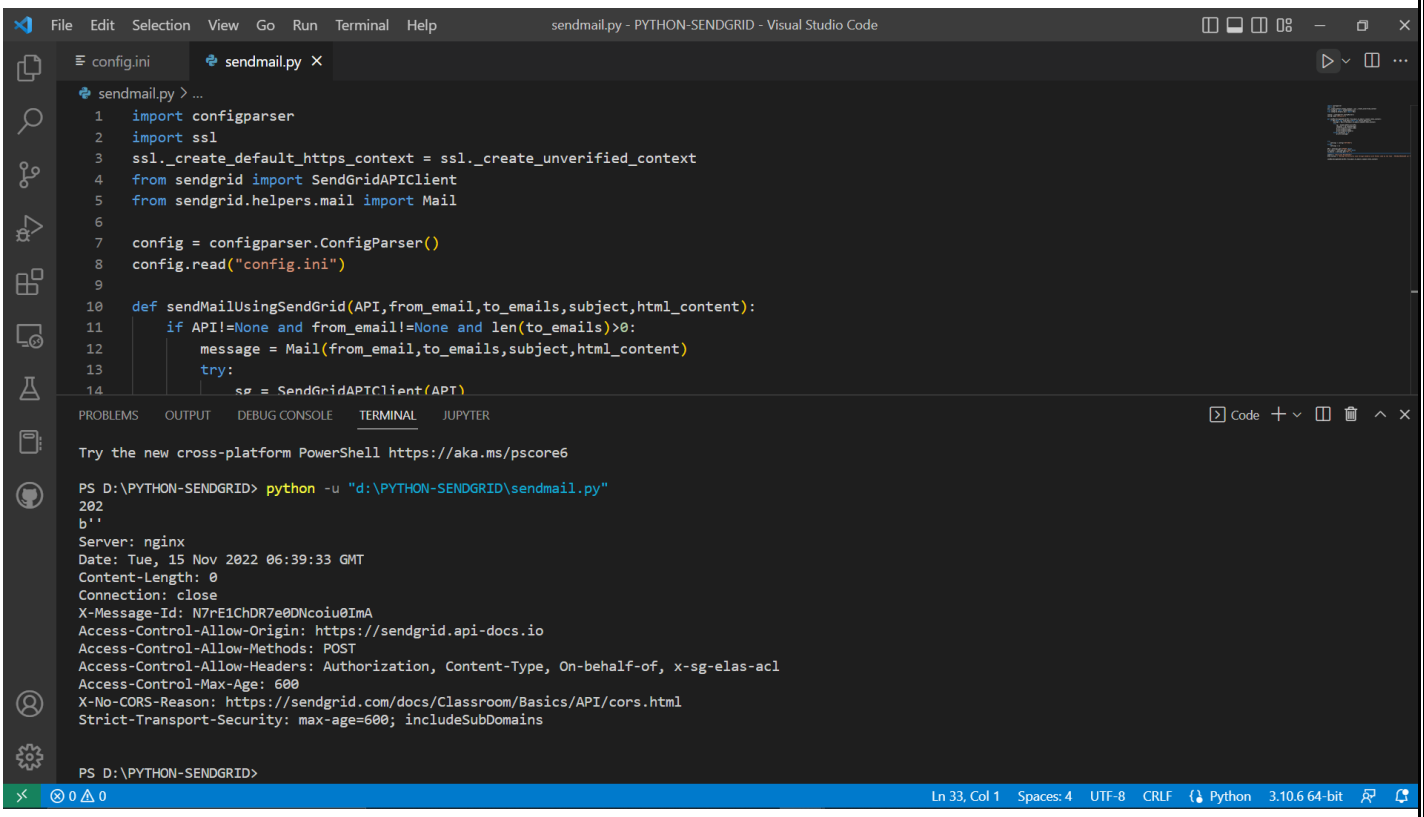
Team ID	PNT2022TMID32232
Project Name	Inventory management system for retailers
Maximum Marks	2 Marks




app.sendgrid.com/account/details
Before sending your first email, you'll need to create a sender identity. Create a sender identity
swathi pandiyan
Dashboard
Email API
Marketing
Design Library
Stats
Activity
Suppressions
Settings
Account Details
Alert Settings
Account Details
Account
Billing
Your Products
Your Account
Personal Info
swathi pandiyan
swathipandiyan003@gmail.com
+919790683932
Username
swathipandiyan003@gmail.com
Password
Timezone
GMT-06:00 - Central Time, US & Canada America/Chicago
Your Company
Name
nandha college of technology
Address
Coimbatore, TN
87°F
Cloudy
Search
ENG
IN
15:22
14-11-2022


File Edit Selection View Go Run Terminal Help
• config.ini - ibm frnds document - Visual Studio Code
EXPLORER: IBM F...
PYTHON SENDGRID
config.ini
sendmail.py
Get Started
config.ini
sendmail.py
PYTHON SENDGRID > config.ini
1 [SETTINGS]
2 APIKEY = 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
3 FROM = 732119106038@smartinternz.com
4 TO = chandrupriyan745@gmail.com
5
Ln 5, Col 1 Spaces: 4 UTF-8 LF Ini


File Edit Selection View Go Run Terminal Help
sendmail.py - PYTHON-SENDGRID - Visual Studio Code
config.ini
sendmail.py
sendmail.py > ...
import configparser
import ssl
ssl._create_default_https_context = ssl._create_unverified_context
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail
config = configparser.ConfigParser()
config.read("config.ini")
def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):
if API!=None and from_email!=None and len(to_emails)>0:
message = Mail(from_email,to_emails,subject,html_content)
try:
sg = SendGridAPIClient(API)
response = sg.send(message)
print(response.status_code)
print(response.body)
print(response.headers)
except Exception as e:
print(e.message)
try:
settings = config["SETTINGS"]
except:
settings = {}
API = settings.get("APIKEY",None)
from_email = settings.get("FROM",None)
to_emails = settings.get("TO","")
0 0
Ln 33, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.6 64-bit


File Edit Selection View Go Run Terminal Help
sendmail.py - PYTHON-SENDGRID - Visual Studio Code
config.ini
sendmail.py
sendmail.py > ...
import configparser
import ssl
ssl._create_default_https_context = ssl._create_unverified_context
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail
config = configparser.ConfigParser()
config.read("config.ini")
def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):
if API!=None and from_email!=None and len(to_emails)>0:
message = Mail(from_email,to_emails,subject,html_content)
try:
sg = SendGridAPIClient(API)
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER
Code
Try the new cross-platform PowerShell https://aka.ms/pscore6
PS D:\PYTHON-SENDGRID> python -u "d:\PYTHON-SENDGRID\sendmail.py"
202
b''
Server: nginx
Date: Tue, 15 Nov 2022 06:39:33 GMT
Content-Length: 0
Connection: close
X-Message-Id: N7rE1ChDR7e0DNcoiu0ImA
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 D:\PYTHON-SENDGRID>
0 0
Ln 33, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.6 64-bit