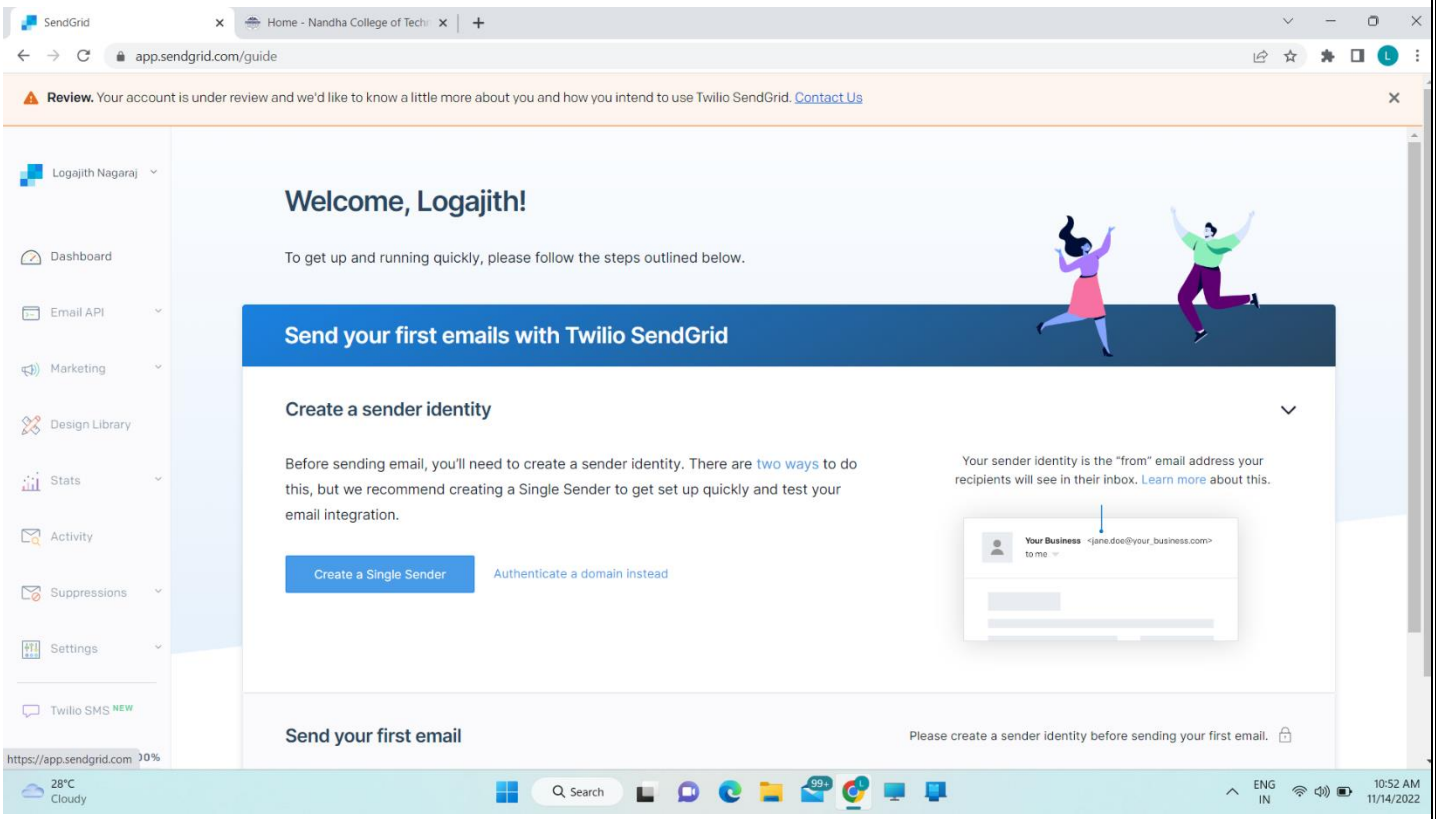
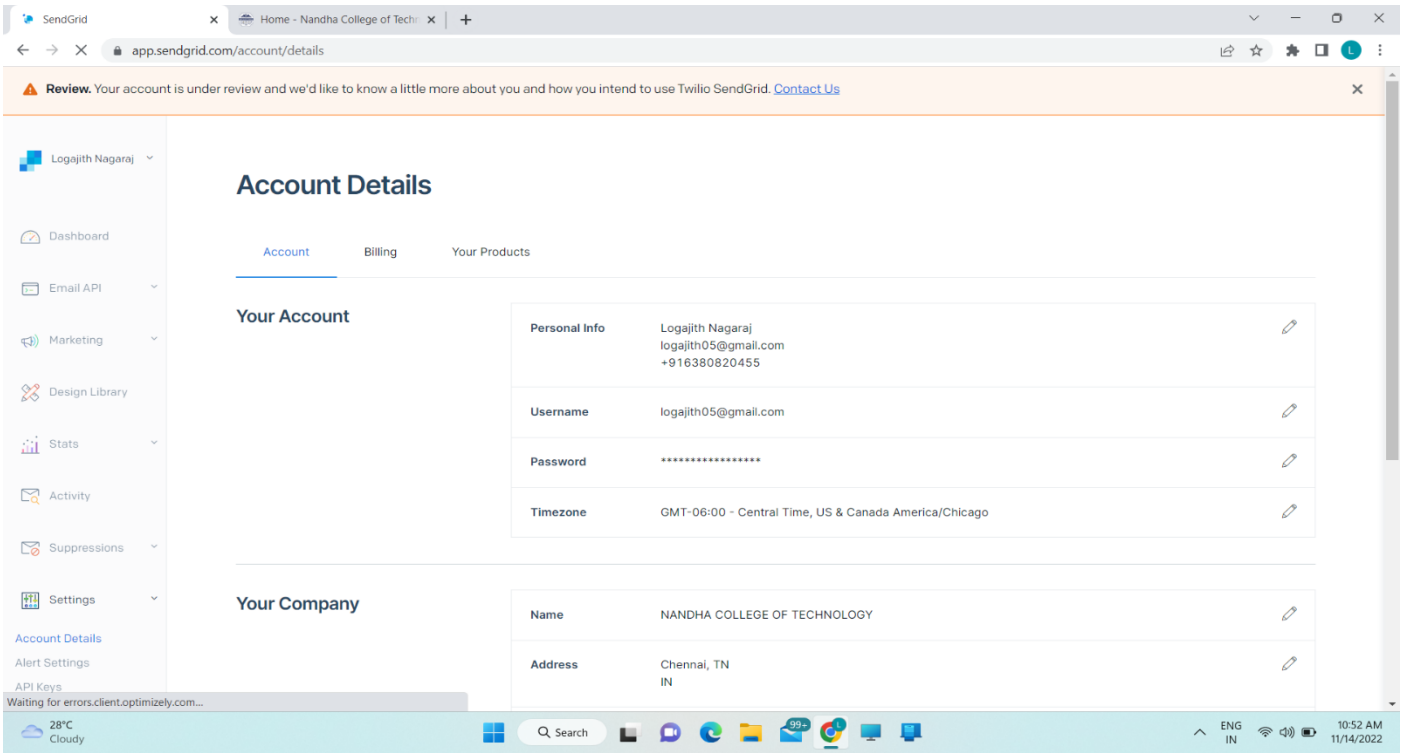
TEAM ID: PNT2022TMID32215

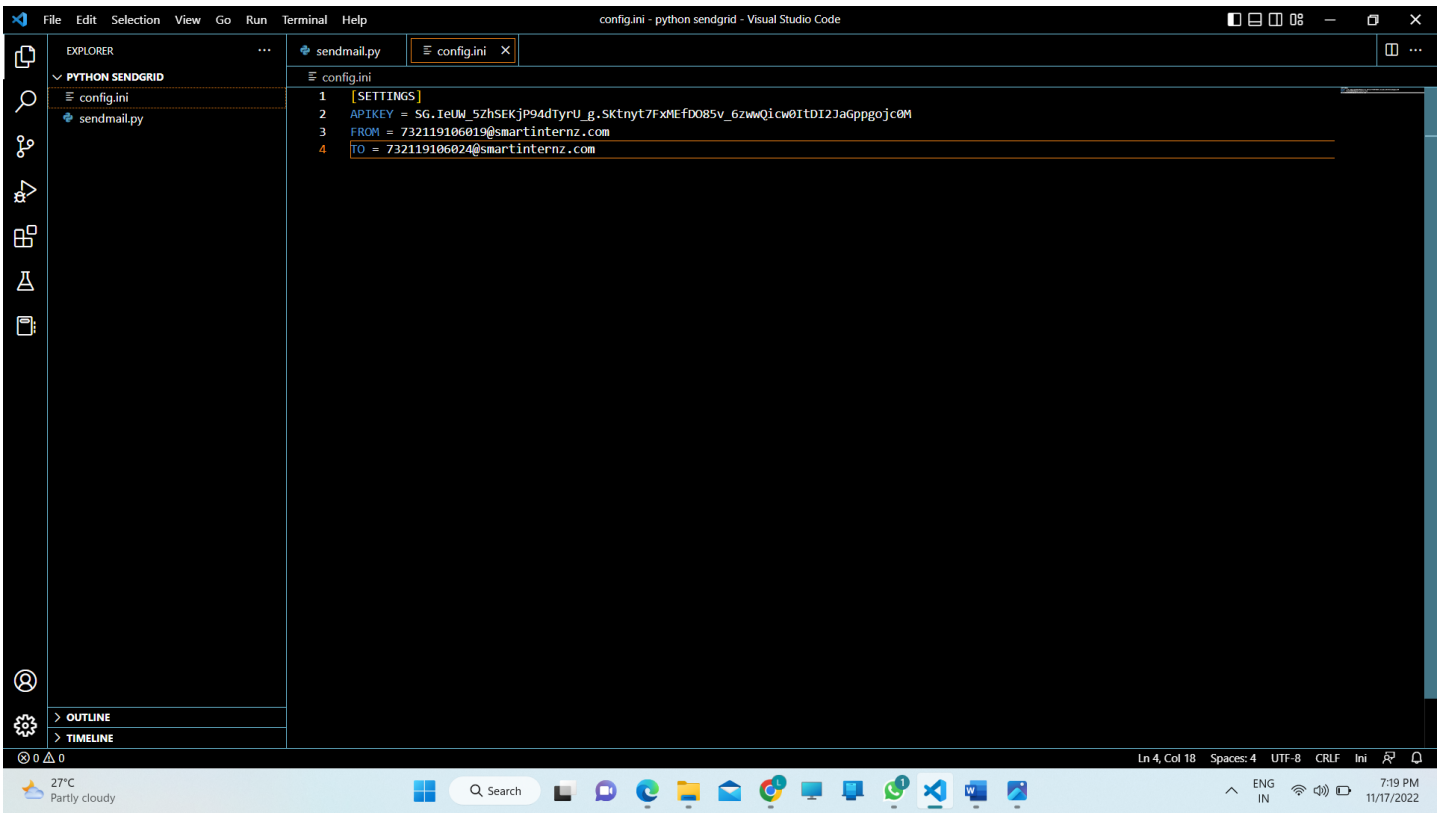
# SETTING UP APPLICATION ENVIRONMENT

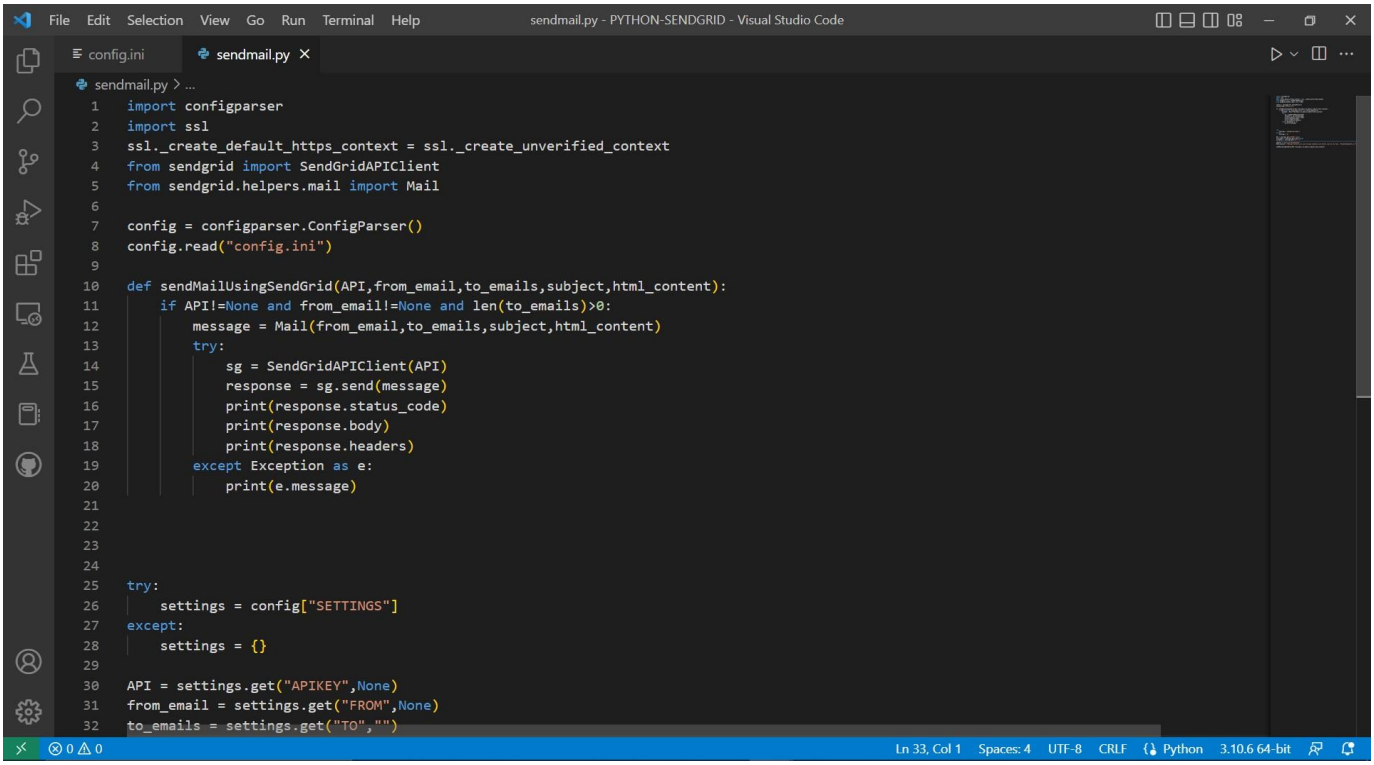
## SendGrid Integration with Python Code

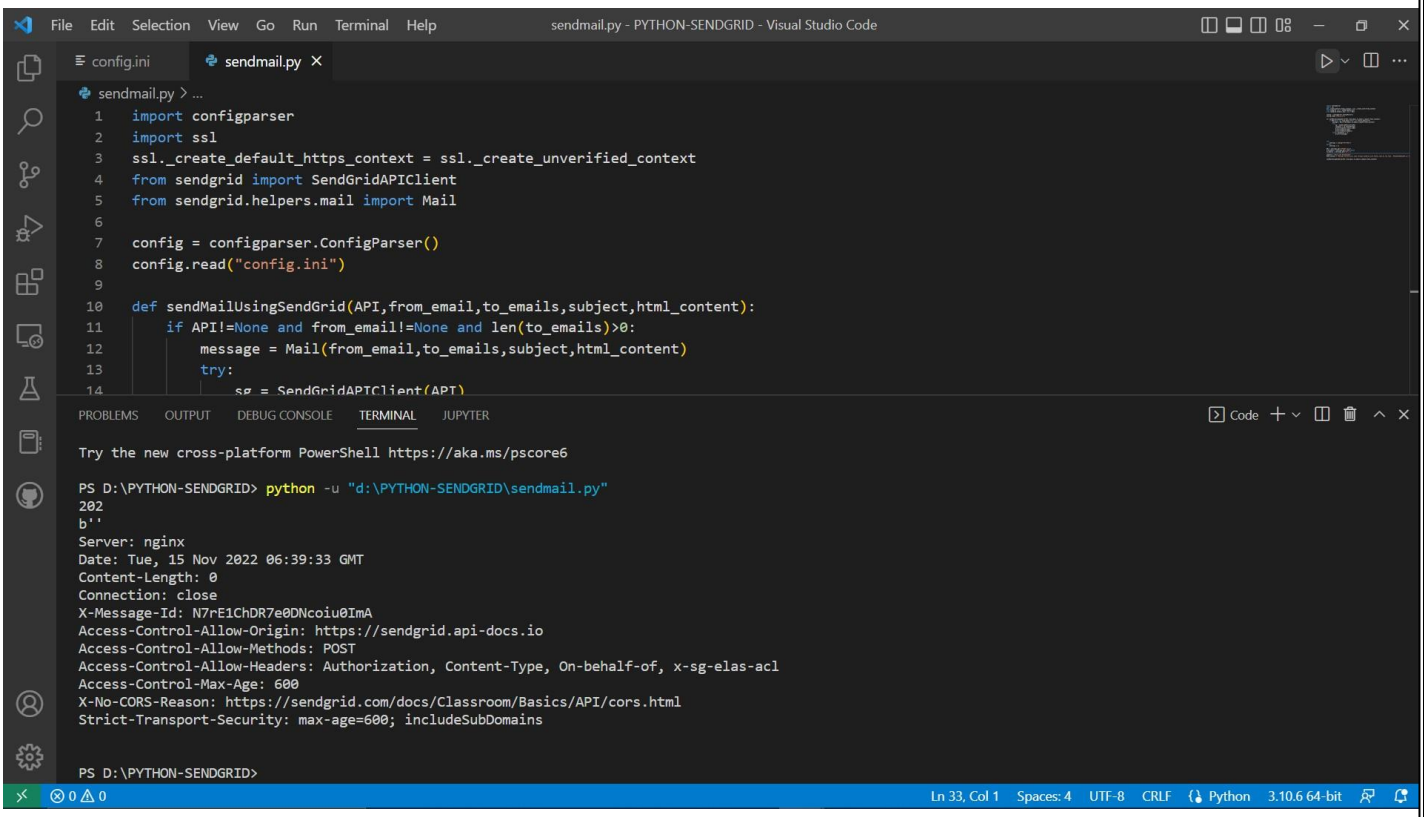
| | |
|---|---|
| Team ID | PNT2022TMID32215 |
| Project Name | PLASMA DONOR APPLICATION |
| Maximum Marks | 2 Marks |




SendGrid
Home - Nandha College of Techr
app.sendgrid.com/account/details
Review. Your account is under review and we'd like to know a little more about you and how you intend to use Twilio SendGrid. Contact Us
Logajith Nagaraj
Dashboard
Email API
Marketing
Design Library
Stats
Activity
Suppressions
Settings
Account Details
Alert Settings
API Keys
Account Details
Account
Billing
Your Products
Your Account
Personal Info
Logajith Nagaraj
logajith05@gmail.com
+916380820455
Username
logajith05@gmail.com
Password
Timezone
GMT-06:00 - Central Time, US & Canada America/Chicago
Your Company
Name
NANDHA COLLEGE OF TECHNOLOGY
Address
Chennai, TN
IN
Waiting for errors.client.optimizely.com...
28°C
Cloudy
Search
ENG
IN
10:52 AM
11/14/2022


File Edit Selection View Go Run Terminal Help
config.ini - python sendgrid - Visual Studio Code
EXPLORER
PYTHON SENDGRID
config.ini
sendmail.py
sendmail.py
config.ini
config.ini
1 [SETTINGS]
2 APIKEY = 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
3 FROM = 732119106019@smartinternz.com
4 TO = 732119106024@smartinternz.com
OUTLINE
TIMELINE
Ln 4, Col 18 Spaces: 4 UTF-8 CRLF Ini
27°C
Partly cloudy
Search
ENG
IN
7:19 PM
11/17/2022


File Edit Selection View Go Run Terminal Help
sendmail.py - PYTHON-SENDGRID - Visual Studio Code
config.ini
sendmail.py
sendmail.py > ...
1 import configparser
2 import ssl
3 ssl._create_default_https_context = ssl._create_unverified_context
4 from sendgrid import SendGridAPIClient
5 from sendgrid.helpers.mail import Mail
6
7 config = configparser.ConfigParser()
8 config.read("config.ini")
9
10 def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):
11 if API!=None and from_email!=None and len(to_emails)>0:
12 message = Mail(from_email,to_emails,subject,html_content)
13 try:
14 sg = SendGridAPIClient(API)
15 response = sg.send(message)
16 print(response.status_code)
17 print(response.body)
18 print(response.headers)
19 except Exception as e:
20 print(e.message)
25 try:
26 settings = config["SETTINGS"]
27 except:
28 settings = {}
29
30 API = settings.get("APIKEY",None)
31 from_email = settings.get("FROM",None)
32 to_emails = settings.get("TO","")
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 > ...
1 import configparser
2 import ssl
3 ssl._create_default_https_context = ssl._create_unverified_context
4 from sendgrid import SendGridAPIClient
5 from sendgrid.helpers.mail import Mail
6
7 config = configparser.ConfigParser()
8 config.read("config.ini")
9
10 def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):
11 if API!=None and from_email!=None and len(to_emails)>0:
12 message = Mail(from_email,to_emails,subject,html_content)
13 try:
14 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>
Ln 33, Col 1 Spaces: 4 UTF-8 CRLF Python 3.10.6 64-bit