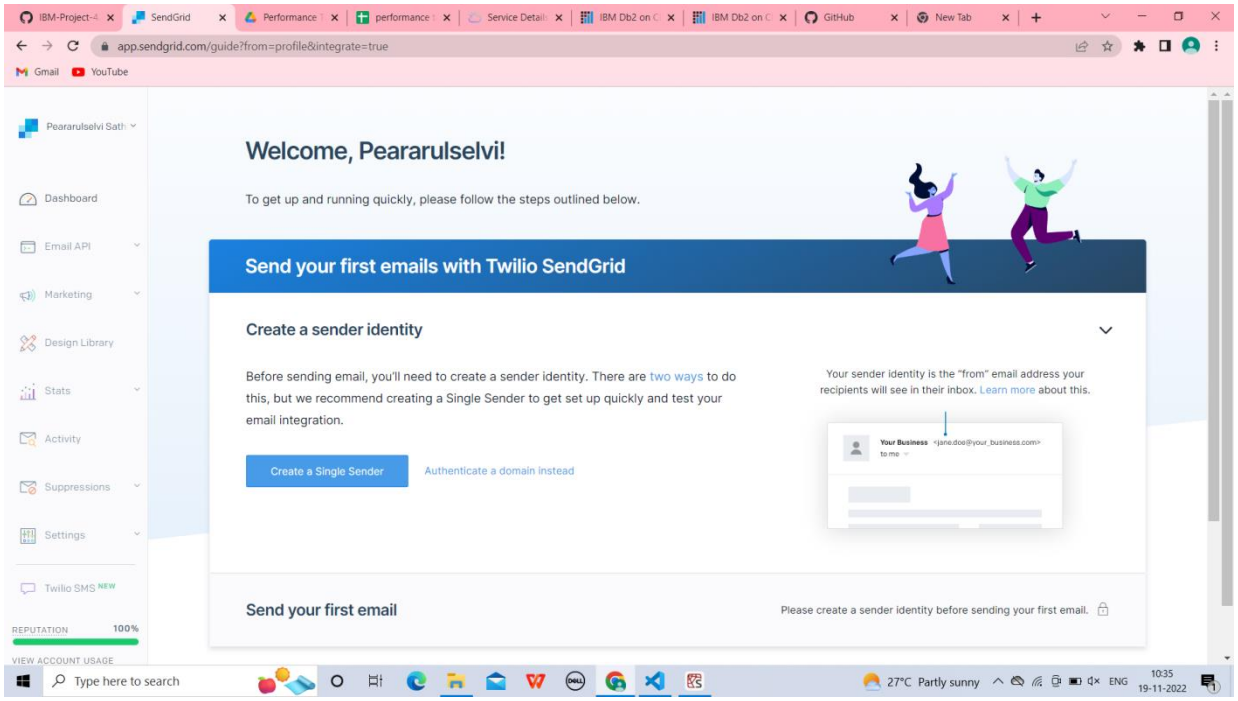
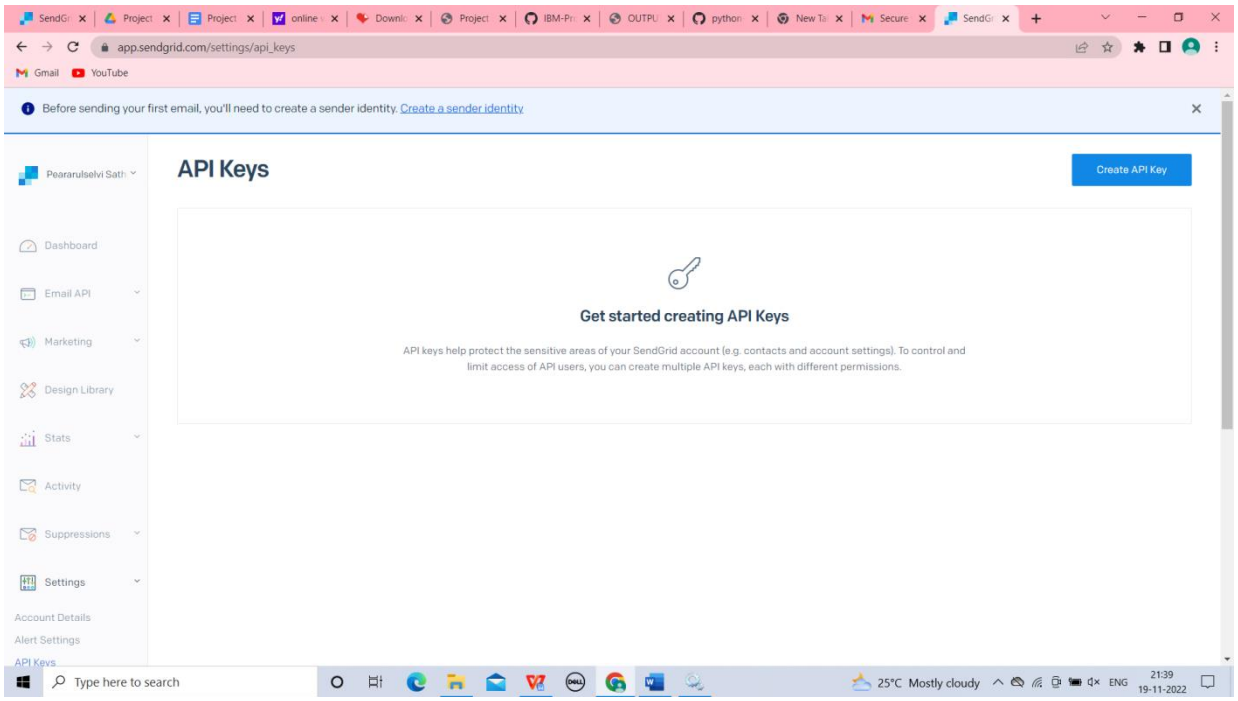
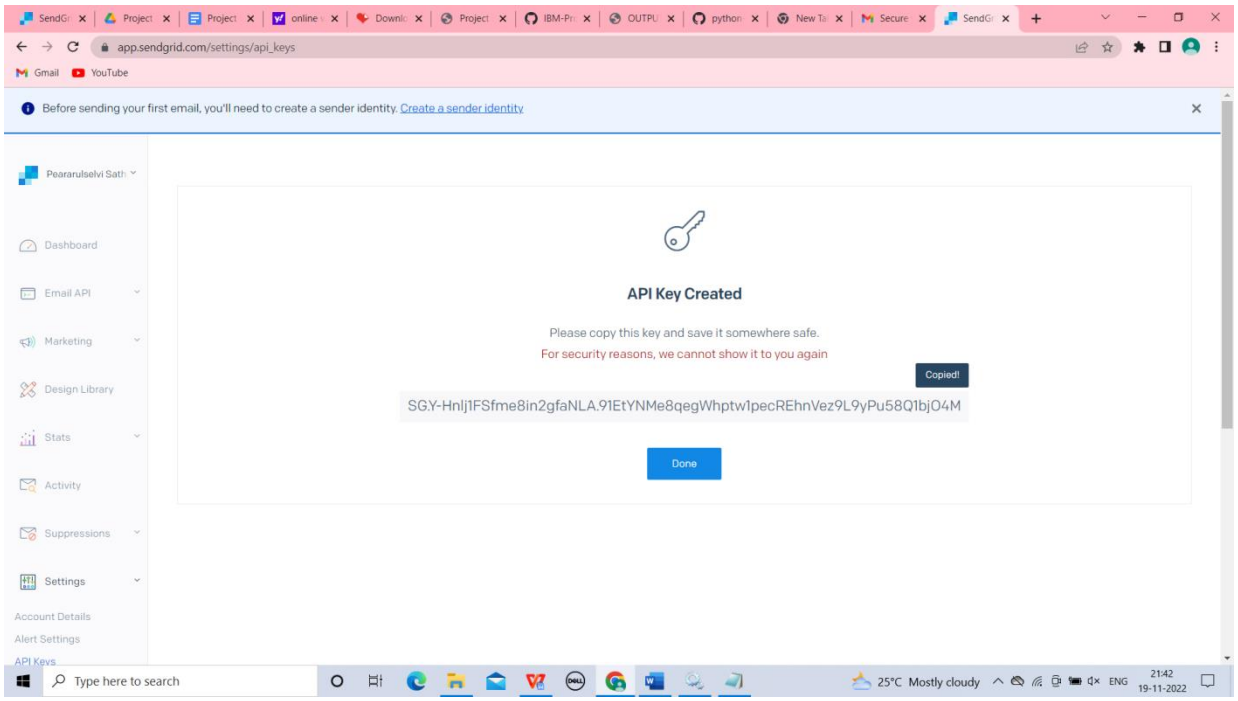
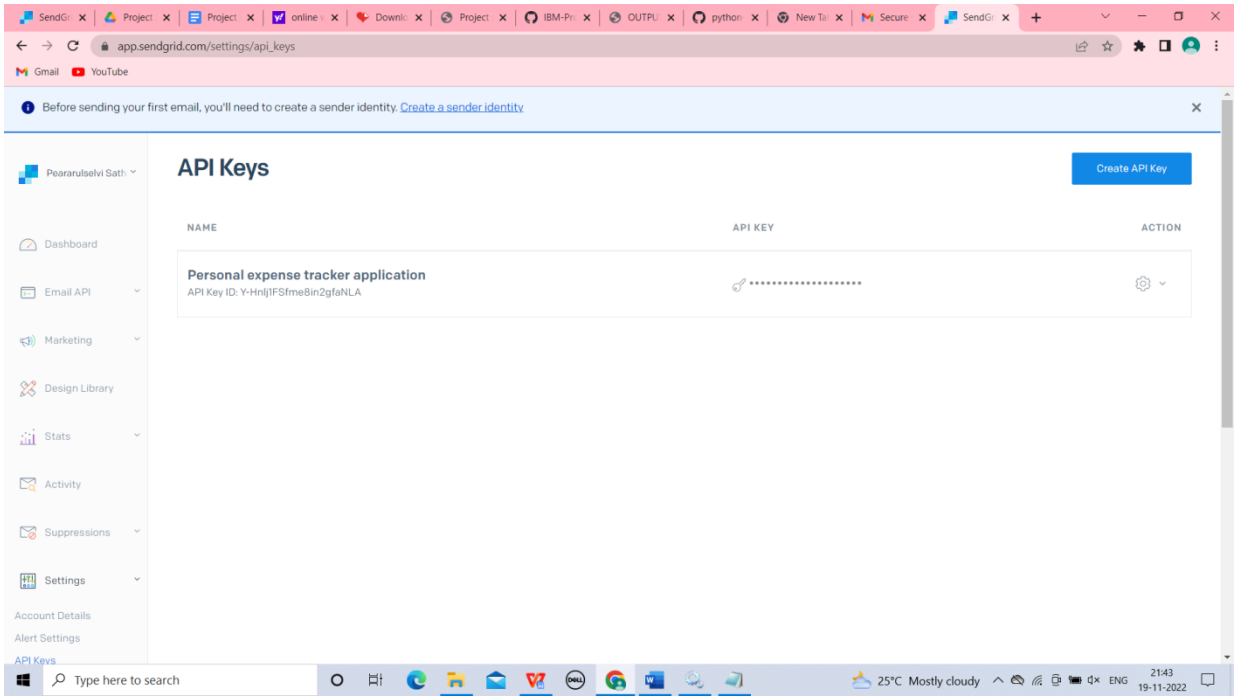
SendGrid Integration With Python Code

Team ID	PNT2022TMID32929
Project Name	Project-Personal expense tracker application






app.sendgrid.com/settings/api_keys
Gmail
YouTube
Before sending your first email, you'll need to create a sender identity. Create a sender identity
Peararulselvi Sath
Dashboard
Email API
Marketing
Design Library
Stats
Activity
Suppressions
Settings
Account Details
Alert Settings
API Keys
API Key Created
Please copy this key and save it somewhere safe.
For security reasons, we cannot show it to you again
Copied!
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
Done
Type here to search
25°C Mostly cloudy
ENG
21:42
19-11-2022


app.sendgrid.com/settings/api_keys
Gmail
YouTube
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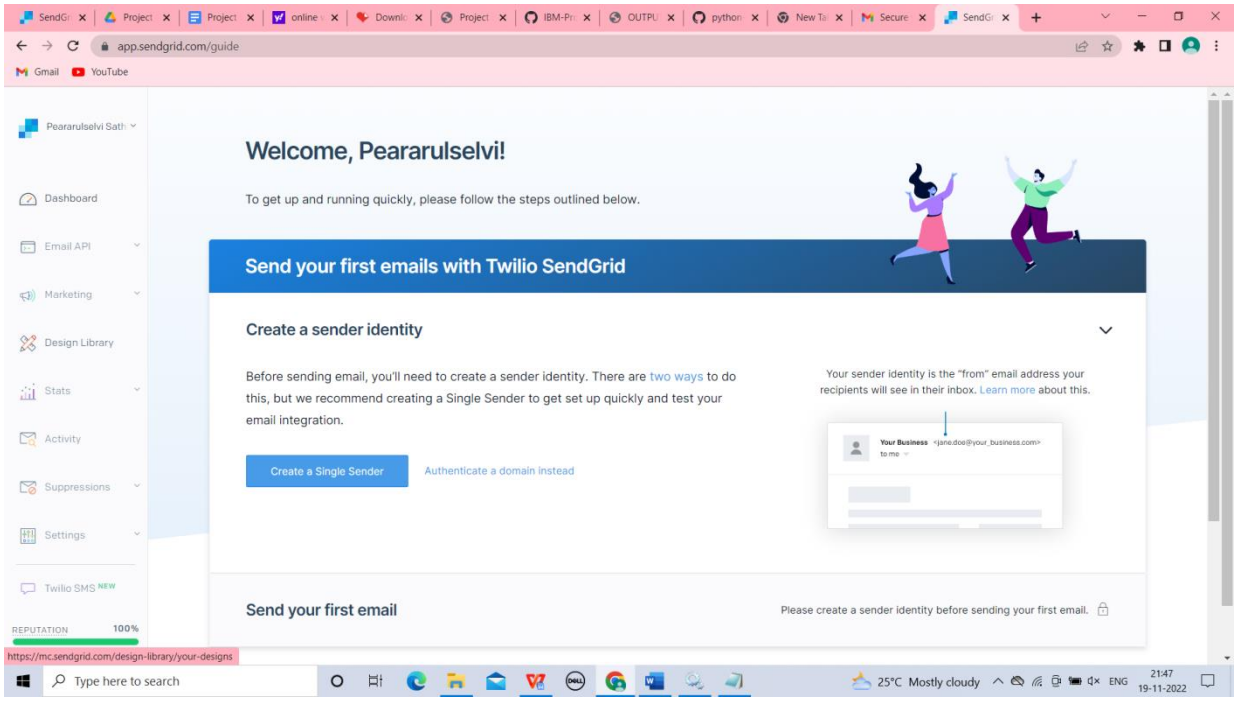
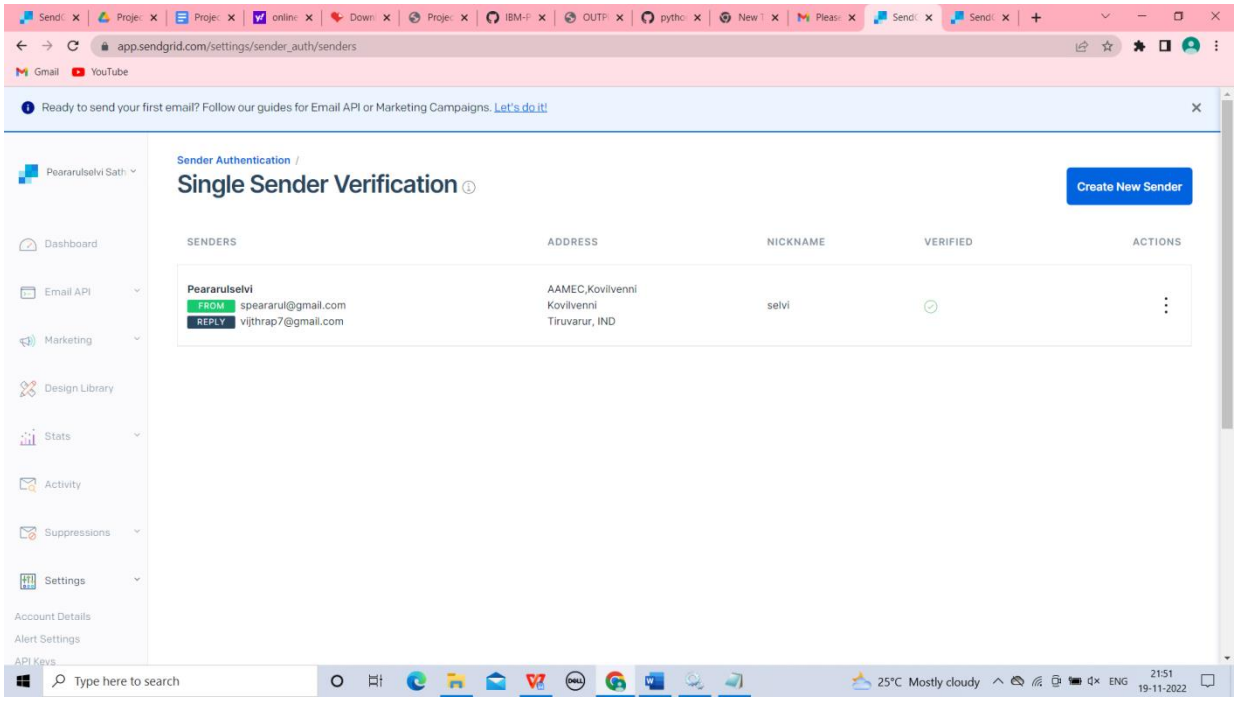
Peararulselvi Sath
Dashboard
Email API
Marketing
Design Library
Stats
Activity
Suppressions
Settings
Account Details
Alert Settings
API Keys
API Keys
Create API Key
NAME
API KEY
ACTION
Personal expense tracker application
API Key ID: Y-Hnlj1FSfme8in2gfaNLA
Type here to search
25°C Mostly cloudy
ENG
21:43
19-11-2022


app.sendgrid.com/guide
Gmail
YouTube
Peararulselvi Sath
Dashboard
Email API
Marketing
Design Library
Stats
Activity
Suppressions
Settings
Twilio SMS NEW
REPUTATION 100%
Welcome, Peararulselvi!
To get up and running quickly, please follow the steps outlined below.
Send your first emails with Twilio SendGrid
Create a sender identity
Before sending email, you'll need to create a sender identity. There are two ways to do this, but we recommend creating a Single Sender to get set up quickly and test your email integration.
Create a Single Sender
Authenticate a domain instead
Your sender identity is the "from" email address your recipients will see in their inbox. Learn more about this.
Your Business
to me
Send your first email
Please create a sender identity before sending your first email.
https://mc.sendgrid.com/design-library/your-designs
Type here to search
25°C Mostly cloudy
ENG
21:47
19-11-2022


app.sendgrid.com/settings/sender_auth/senders
Gmail
YouTube
Ready to send your first email? Follow our guides for Email API or Marketing Campaigns. Let's do it!
Peararulselvi Sath
Dashboard
Email API
Marketing
Design Library
Stats
Activity
Suppressions
Settings
Account Details
Alert Settings
API Keys
Sender Authentication /
Single Sender Verification
Create New Sender
SENDERS
ADDRESS
NICKNAME
VERIFIED
ACTIONS
Peararulselvi
FROM speararul@gmail.com
REPLY vijthrap7@gmail.com
AAMEC,Kovilvenni
Kovilvenni
Tiruvarur, IND
selvi
Type here to search
25°C Mostly cloudy
ENG
21:51
19-11-2022

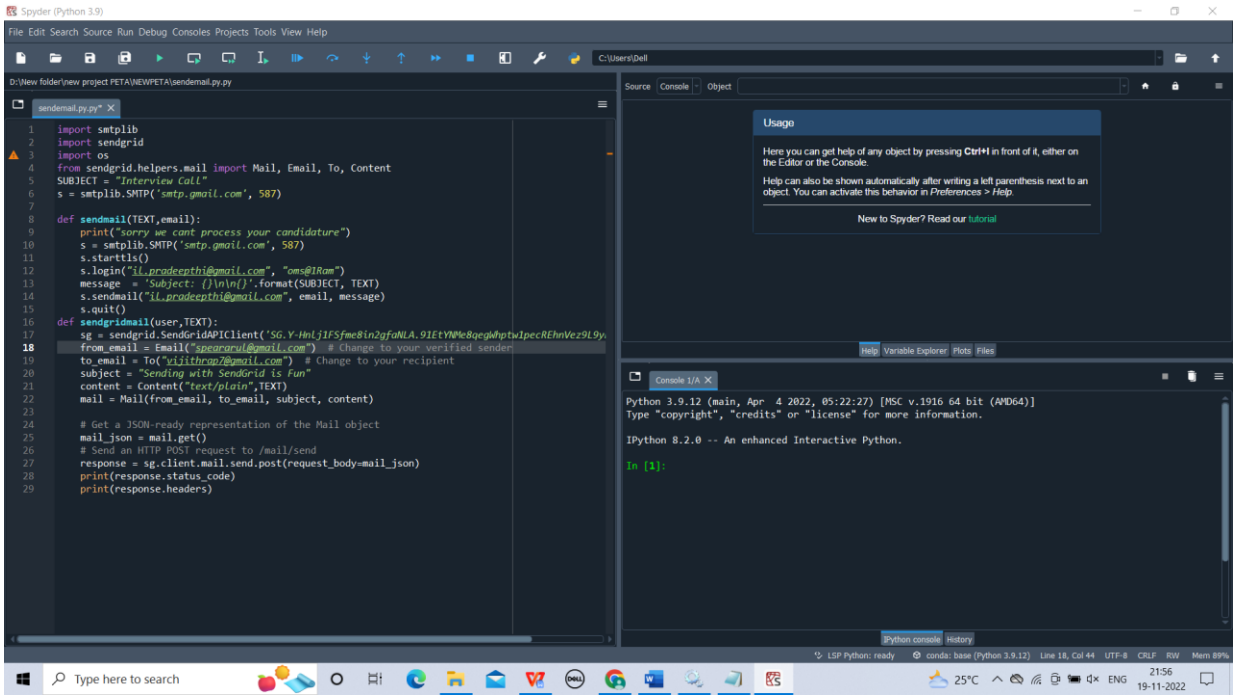
Sendemail.py

```
import smtplib
import sendgrid
import os
from sendgrid.helpers.mail import Mail, Email, To, Content
SUBJECT = "Interview Call"
s = smtplib.SMTP('smtp.gmail.com', 587)

def sendmail(TEXT,email):
    print("sorry we cant process your candidature")
    s = smtplib.SMTP('smtp.gmail.com', 587)
    s.starttls()
    s.login("il.pradeepthi@gmail.com", "oms@1Ram")
    message  = 'Subject: {}\n\n{}'.format(SUBJECT, TEXT)
    s.sendmail("il.pradeepthi@gmail.com", email, message)
    s.quit()
def sendgridmail(user,TEXT):
    sg = sendgrid.SendGridAPIClient('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')
    from_email = Email("speararul@gmail.com")  # Change to your verified sender
    to_email = To("vijithrap7@gmail.com")  # Change to your recipient
    subject = "Sending with SendGrid is Fun"
    content = Content("text/plain",TEXT)
    mail = Mail(from_email, to_email, subject, content)

    # Get a JSON-ready representation of the Mail object
    mail_json = mail.get()
    # Send an HTTP POST request to /mail/send
    response = sg.client.mail.send.post(request_body=mail_json)
    print(response.status_code)
    print(response.headers)
```

Output :


Spyder (Python 3.9)
File Edit Search Source Run Debug Consoles Projects Tools View Help
D:\New folder\new project FETA\NEWPETA\sendemail.py.py
sendemail.py.py*
import smtplib
import sendgrid
import os
from sendgrid.helpers.mail import Mail, Email, To, Content
SUBJECT = "Interview Call"
s = smtplib.SMTP('smtp.gmail.com', 587)
def sendmail(TEXT,email):
print("sorry we cant process your candidature")
s = smtplib.SMTP('smtp.gmail.com', 587)
s.starttls()
s.login("il.pradeepthi@gmail.com", "oms@1Ram")
message = 'Subject: {}\n\n{}'.format(SUBJECT, TEXT)
s.sendmail("il.pradeepthi@gmail.com", email, message)
s.quit()
def sendgridmail(user,TEXT):
sg = sendgrid.SendGridAPIClient('SG.Y-Hnlj1FSfme8in2gfaNLA.91EtYNMe8qegWhptw1pecREhnVez9L9y
from_email = Email("spgarul@gmail.com") # Change to your verified sender
to_email = To("vijithrao7@gmail.com") # Change to your recipient
subject = "Sending with SendGrid is Fun"
content = Content("text/plain",TEXT)
mail = Mail(from_email, to_email, subject, content)
# Get a JSON-ready representation of the Mail object
mail_json = mail.get()
# Send an HTTP POST request to /mail/send
response = sg.client.mail.send.post(request_body=mail_json)
print(response.status_code)
print(response.headers)
Usage
Here you can get help of any object by pressing Ctrl+I in front of it, either on the Editor or the Console.
Help can also be shown automatically after writing a left parenthesis next to an object. You can activate this behavior in Preferences > Help.
New to Spyder? Read our tutorial
Help
Variable Explorer
Plots
Files
Console 1/A
Python 3.9.12 (main, Apr 4 2022, 05:22:27) [MSC v.1916 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.
IPython 8.2.0 -- An enhanced Interactive Python.
In [1]:
IPython console
History
Type here to search
25°C
ENG
21:56
19-11-2022