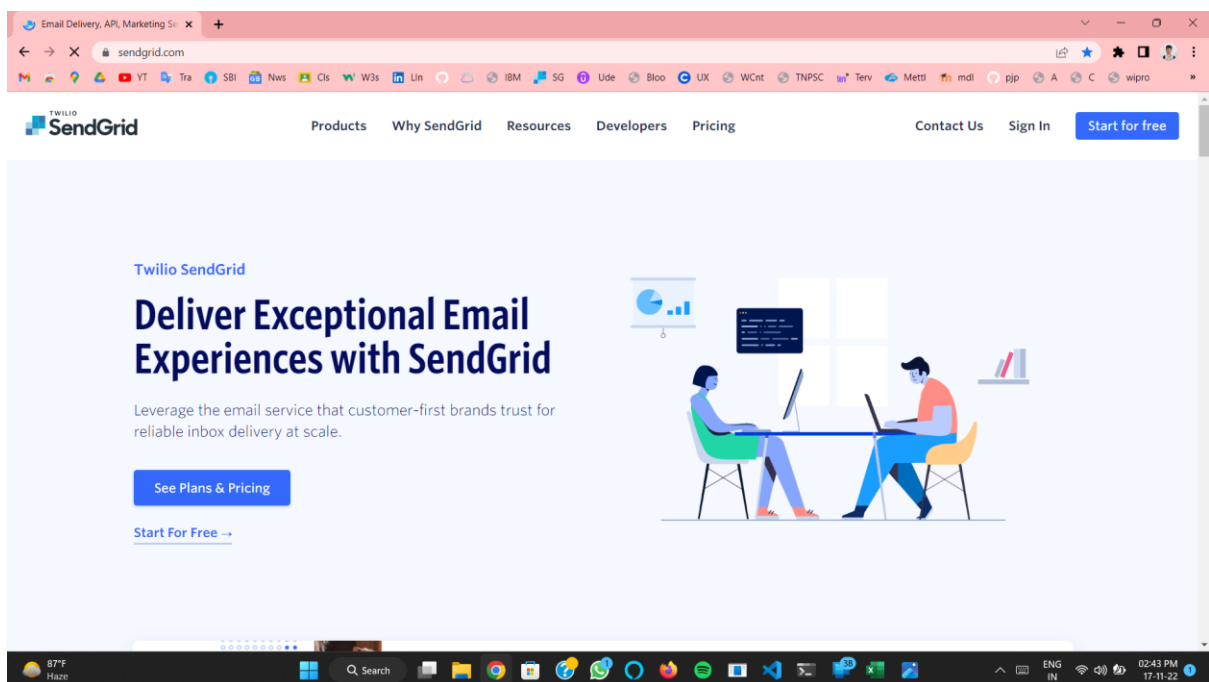INTEGRATING SENDGRID SERVICE

SENGRID INTEGRATION WITH PYTHON CODE

TEAM ID	PNT2022TMID41646
PROJECT NAME	SMART FASHION RECOMMENDER APPLICATION
TEAM MEMBERS	VELMANI J, MUKESH M, MURALIDHARAN M, ANAND K

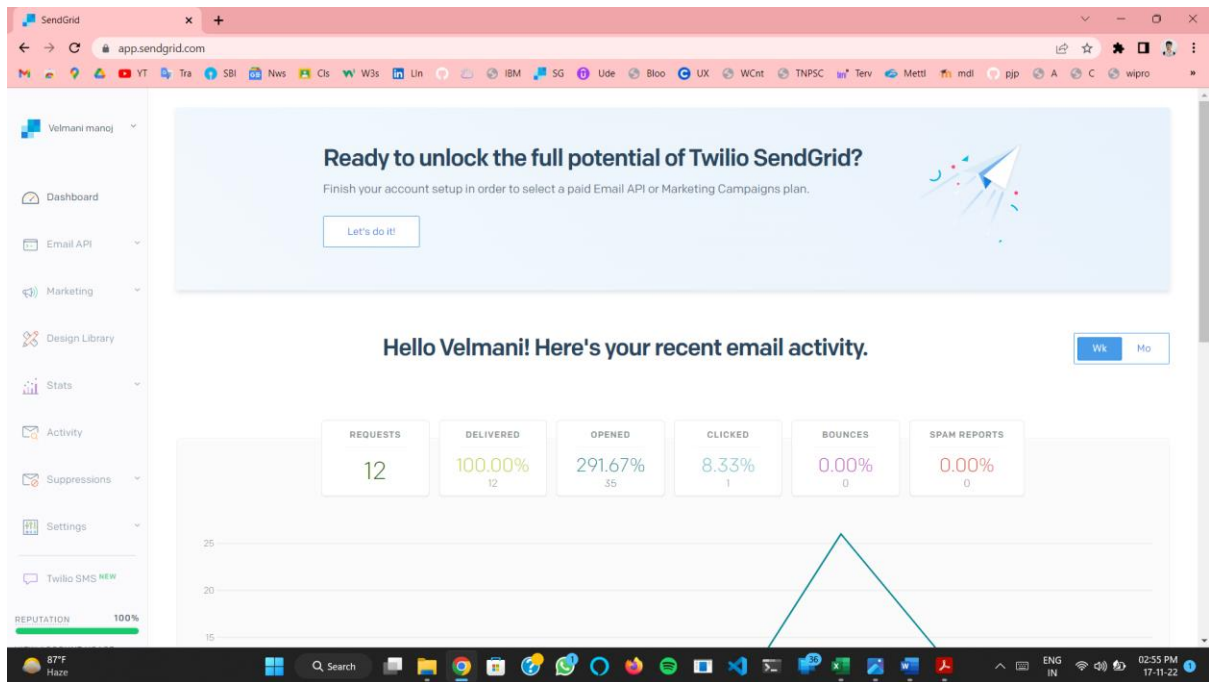1. Navigate to www.sendgrid.com

2. The webpage looks like :

3. Click on start for free. Then give your details to create an account in sendgrid.

4. After the successful account creation the dashboard showed it's like the below:

5. User need to create an API key to generate API key Navigate settings→API Keys.
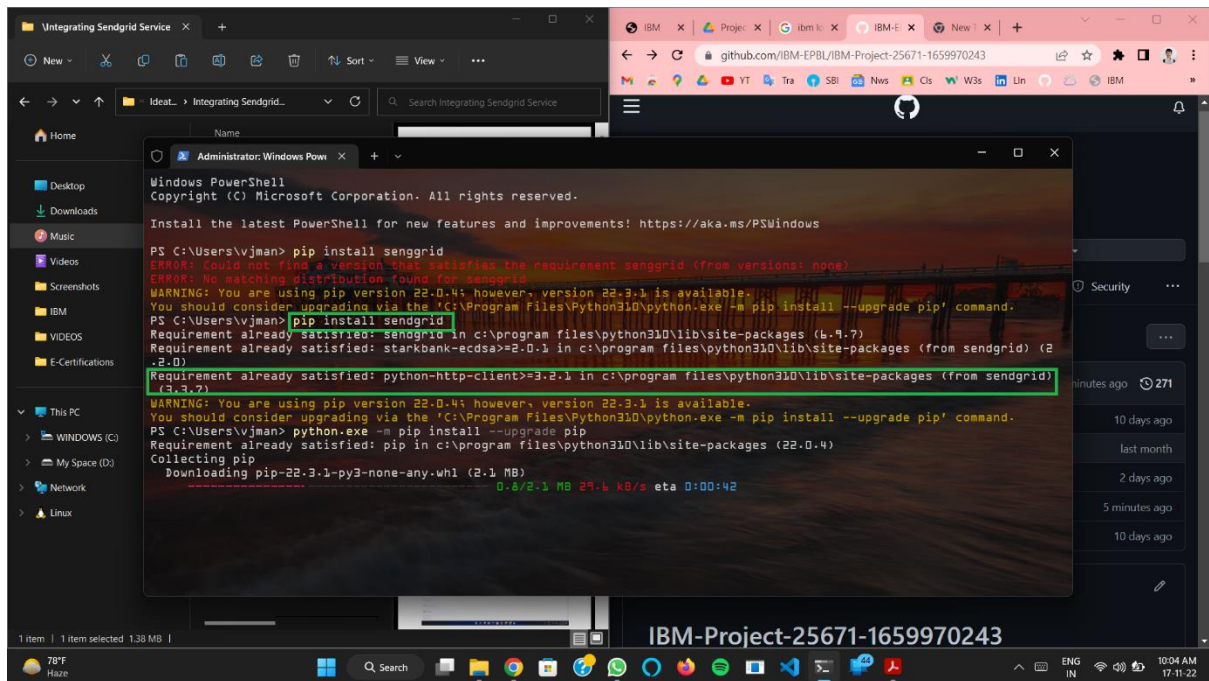
6. This page like follows :

1. Dashboard page

2. API Key generation :

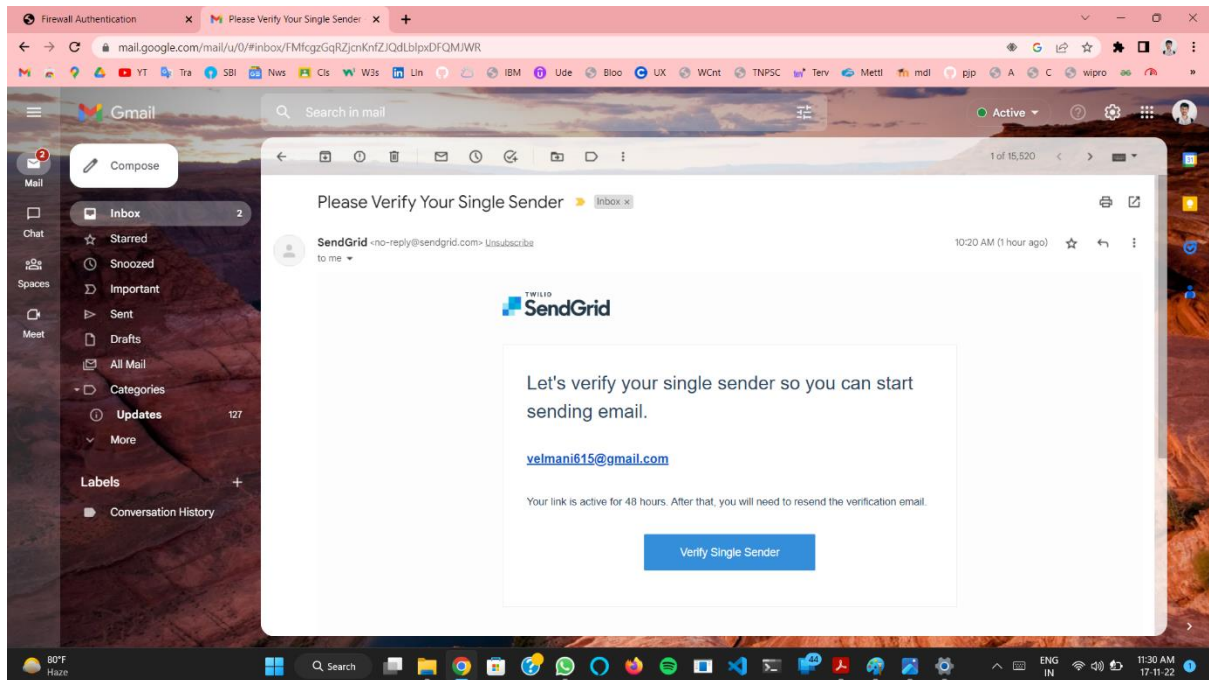3. Sendgrid installation on POWERSHELL:

We already installed.

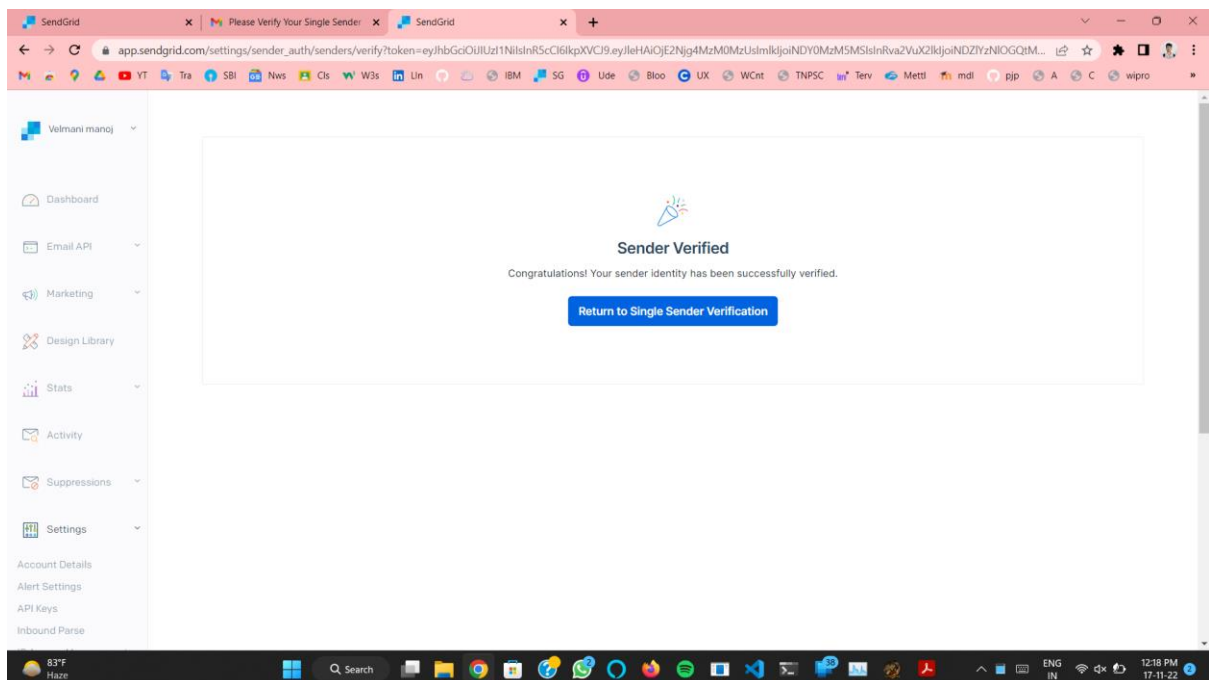4. Single sender verification :
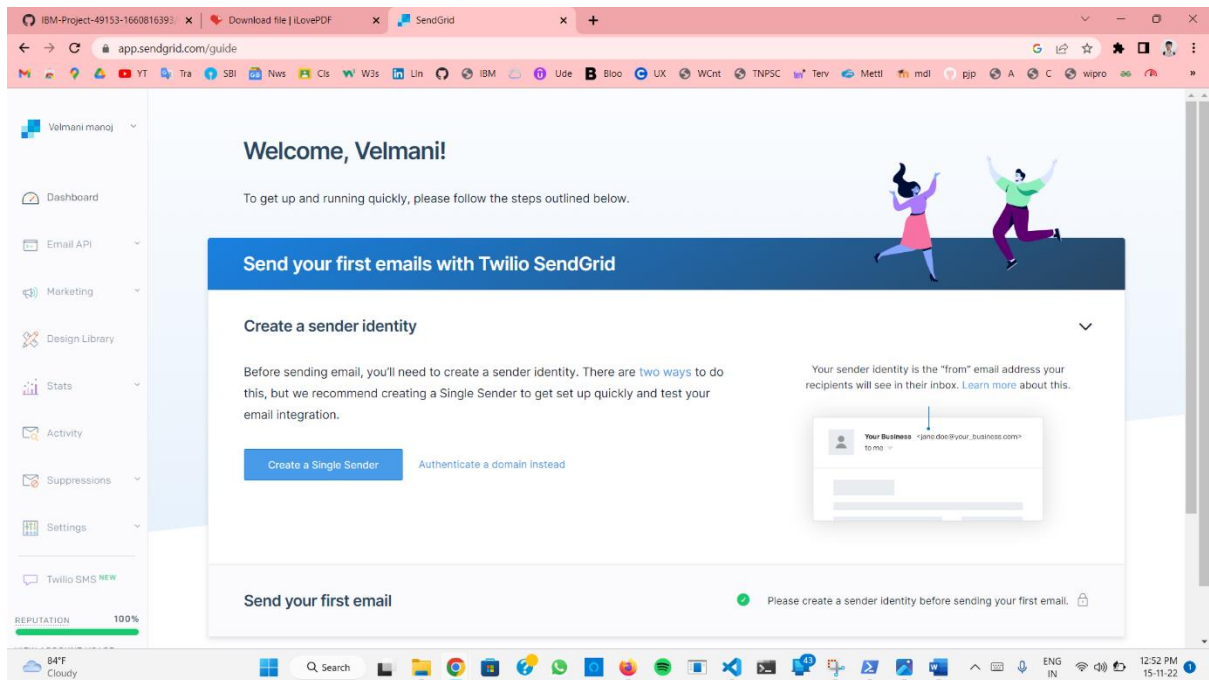
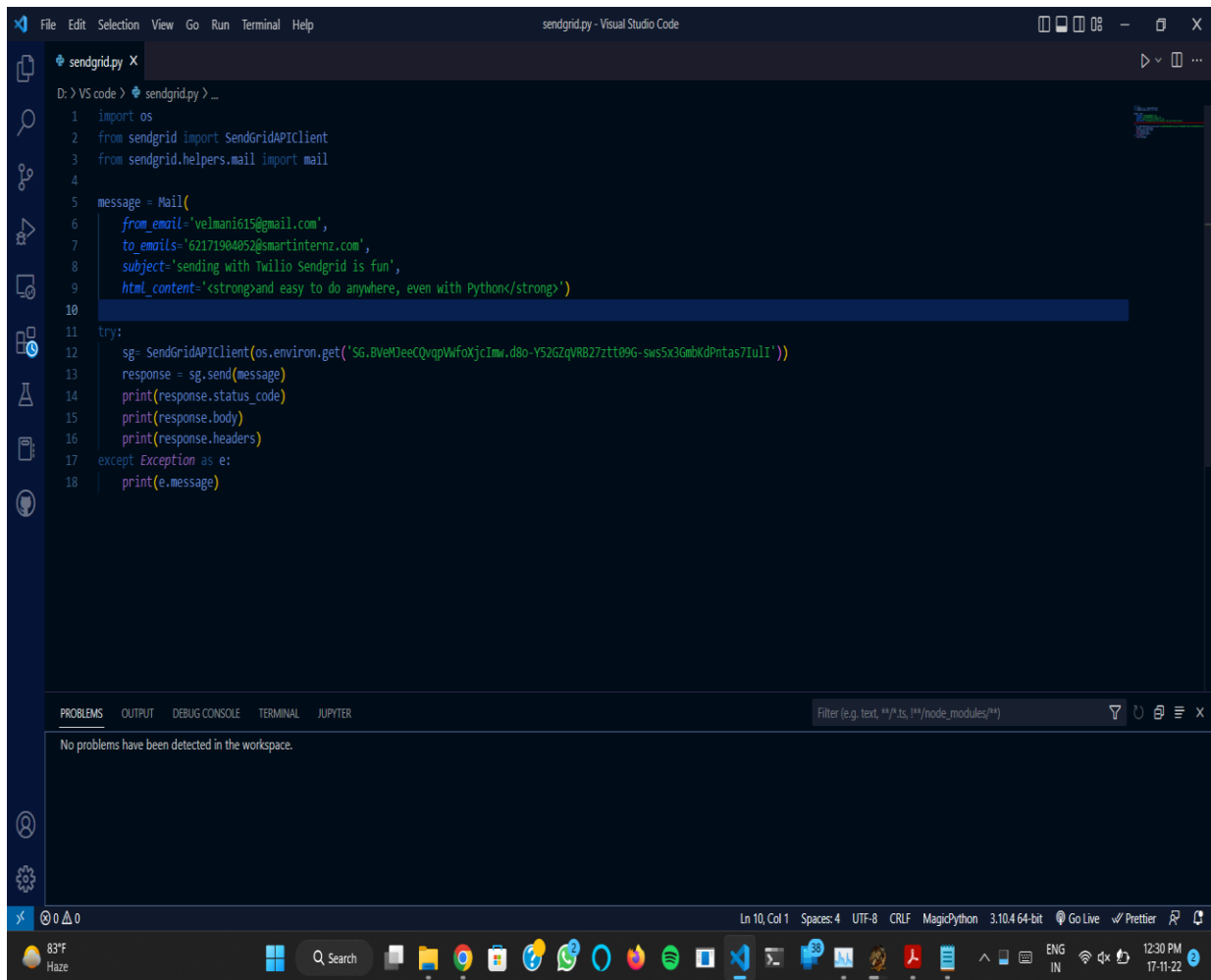Click on create single sender, then follow the instructions on webpage .

5. Verify the mail :

6. Verification completed :

SENDGRID INTEGRATION WITH PYTHON CODE


```python
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import mail

message = Mail(
    from_email='velmani615@gmail.com',
    to_emails='62171904052@smartinternz.com',
    subject='sending with Twilio Sendgrid is fun',
    html_content='<strong>and easy to do anywhere, even with Python</strong>')

try:
    sg= SendGridAPIClient(os.environ.get('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'))
    response = sg.send(message)
    print(response.status_code)
    print(response.body)
    print(response.headers)
except Exception as e:
    print(e.message)
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   JUPYTER

No problems have been detected in the workspace.