INTEGRATING SENDGRID SERVICE
SendGrid Integration with Python Code

TEAM ID	PNT2022TMID11404
Project Name	Nutrition Assistant Application

Config.ini

```ini
≡ config.ini
1    [SETTINGS]
2    APIKEY=APIKEY
3    FROM=pradheeksha15@gmail.com
4    TO=pratthu1525@gmail.com
```

SendMail.py

```python
Sendmail.py > sendMailUsingSendGrid
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
8    config = configparser.ConfigParser()
9    config.read("config.ini")
10
11   def sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content):
12       if API!=None and from_email!= None and len(to_emails)>0:
13           message = Mail(from_email,to_emails,subject,html_content)
14           try:
15               sg = SendGridAPIClient(API)
16               response = sg.send(message)
17               print(response.status_code)
18               print(response.body)
19               print(response.headers)
20           except Exception as e:
21               print(e.message)
22
23   try:
24       settings = config["SETTINGS"]
25   except:
26       settings = {}
27
28   API = settings.get("APIKEY",None)
29   from_email = settings.get("FROM",None)
30   to_emails = settings.get("TO","")
31
32   subject = "testing of sendgrid"
33
34   html_content = "Message successfully send through Python sendgrid"
35   sendMailUsingSendGrid(API,from_email,to_emails,subject,html_content)
```

Output :