Integration Sendgrid Service Program:

import os

from sendgrid import SendGridAPIClient

from sendgrid.helpers.mail import Mail

# from\_address we pass to our Mail object, edit with your name

FROM\_EMAIL = 'Your\_Name@SendGridTest.com'

def SendEmail(to\_email):

""" Send an email to the provided email addresses

:param to\_email = email to be sent to

:returns API response code

:raises Exception e: raises an exception """

message = Mail(

from\_email=FROM\_EMAIL,

to\_emails=to\_email,

subject='A Test from SendGrid!',

html\_content='<strong>Hello there from SendGrid your URL is: ' +

'<a href=''https://github.com/cyberjive''>right here!</a></strong>')

try:

sg = SendGridAPIClient(os.environ.get('SENDGRID\_API\_KEY'))

response = sg.send(message)

code, body, headers = response.status\_code, response.body, response.headers

print(f"Response Code: {code} ")

print(f"Response Body: {body} ")

print(f"Response Headers: {headers} ")

print("Message Sent!")

except Exception as e:

print("Error: {0}".format(e))

return str(response.status\_code)

if \_name\_ == "\_main\_":

SendEmail(to\_email=input("Email address to send to? "))