

## Integrating Sendgrid Service

### Sendgrid Integration With Python Code

**Program:**

```
# using SendGrid's Python Library
# https://github.com/sendgrid/sendgrid-python
import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

message = Mail(
    FROM_EMAIL = 'Your_Name@SendGridTest.com',
    TO_EMAIL = 'to@sendgridTest.com',
    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? "))
```