

SENDGRID INTEGRATION WITH PYTHON CODE

Date	22/11/2022
Team ID	PNT2022TMID46361
Project Name	Project-Inventory Management System for Retailers

CODING:

```
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?  
"))
```