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# using SendGrid's Python Library

# https://github.com/sendgrid/sendgrid-python

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:

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Print("Error: {0}".format(e))
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Return str(response.status_code)
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If __name__ == "__main__":
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SendEmail(to_email=input("Email address to send to? "))
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