

## Integrating SendGrid service

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Team ID	PNT2022TMID04908
Project	Inventory Management System for Retailers

### AIM:

To integrate the SendGrid service

### Procedures:

# using Send Grid'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='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__":

    Send Email (to_email=input ("Email address to send to? "))
```

**Result:**

Integration of SendGrid is completed successfully.