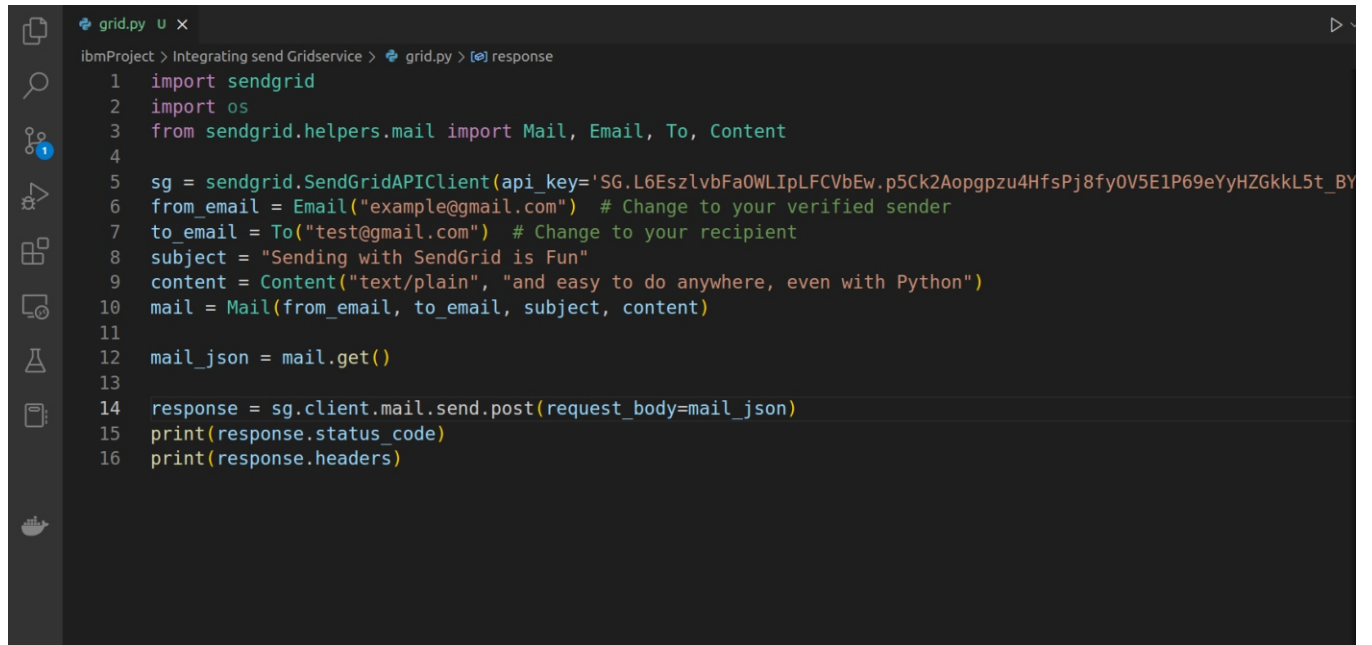


# INTEGRATING SEND GRID SERVICE

TEAM NO : PNT2022TMID28293

A screenshot of a code editor window with a dark theme. The title bar shows 'grid.py' and a close button. The editor content shows a Python script for sending an email via SendGrid. The script includes imports for 'sendgrid' and 'os', and uses 'sendgrid.helpers.mail' for email-related classes. It sets an API key, from\_email, to\_email, subject, and content, then creates a mail object, gets its JSON representation, and sends it via the SendGrid client. The status code and headers of the response are printed. The left sidebar contains icons for file explorer, search, source control, and other IDE features.

```
grid.py  U  X
ibmProject > Integrating send Gridservice > grid.py > response
1  import sendgrid
2  import os
3  from sendgrid.helpers.mail import Mail, Email, To, Content
4
5  sg = sendgrid.SendGridAPIClient(api_key='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
6  from_email = Email("example@gmail.com") # Change to your verified sender
7  to_email = To("test@gmail.com") # Change to your recipient
8  subject = "Sending with SendGrid is Fun"
9  content = Content("text/plain", "and easy to do anywhere, even with Python")
10 mail = Mail(from_email, to_email, subject, content)
11
12 mail_json = mail.get()
13
14 response = sg.client.mail.send.post(request_body=mail_json)
15 print(response.status_code)
16 print(response.headers)
```