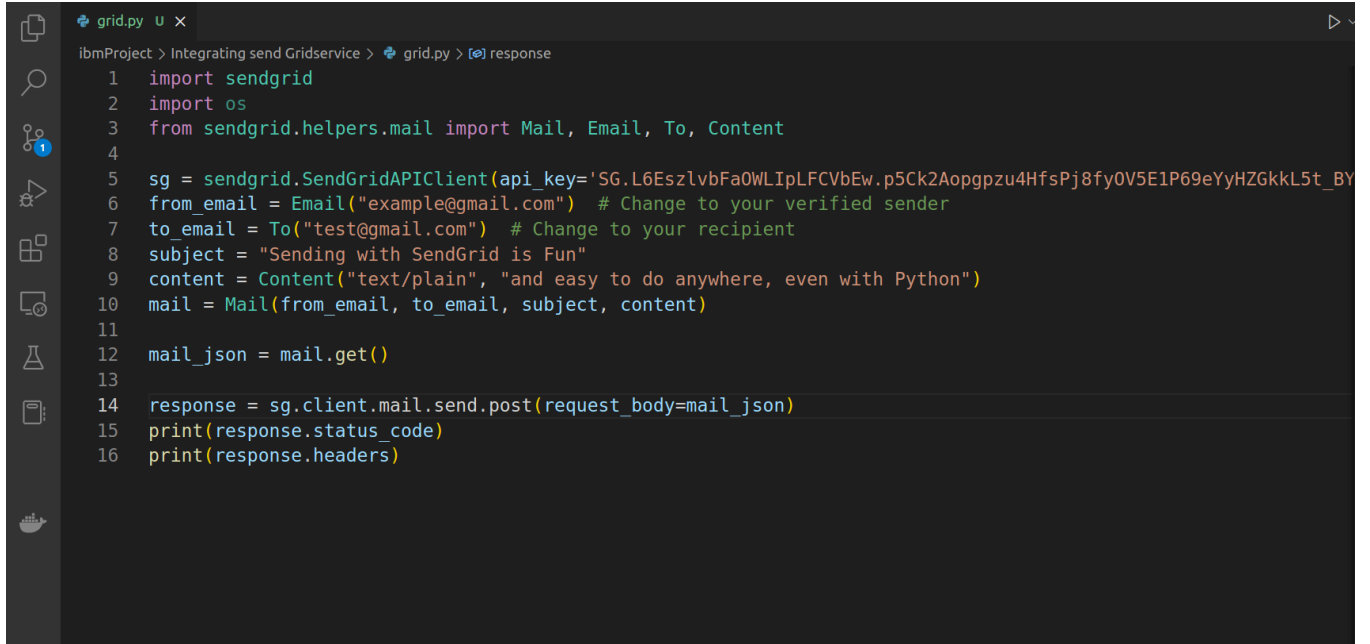


INTEGRATING SEND GRID SERVICE

TEAM NO : PNT2022TMID35351

A screenshot of a code editor window with a dark theme. The editor shows a Python script named 'grid.py' with 16 lines of code. The code imports 'sendgrid' and 'os', then imports 'Mail', 'Email', 'To', and 'Content' from 'sendgrid.helpers.mail'. It creates a 'SendGridAPIClient' with an API key, sets 'from_email' and 'to_email', defines a 'subject' and 'content', creates a 'Mail' object, gets its JSON representation, and finally sends the email via the client's 'mail.send.post' method, printing the status code and headers.

```
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)
```