**Code:**

**#Code 1**

**import smtplib, ssl**

**import getpass as gp**

**from email.mime.multipart import MIMEMultipart**

**from email.mime.text import MIMEText**

**# Defining HTML Doc:**

**html = """**

**This is an e-mail message to be sent in HTML format**

**<html>**

**<body>**

**<b>This is an HTML message.</b>**

**<h1>This is a heading.</h1>**

**</body>**

**</html>**

**"""**

**# Defining Required Details**

**smtp\_server = "smtp.gmail.com"**

**port = 465**

**sender = "2021ca06f@sigce.edu.in"**

**receiver = "2021ca21f@sigce.edu.in"**

**password = gp.getpass("Enter your password (2021ca06f@sigce.edu.in): ")**

**# Create a MIMEMultipart class, and set up the From, To, Subject fields**

**email\_message = MIMEMultipart()**

**email\_message['From'] = sender**

**email\_message['To'] = receiver**

**email\_message['Subject'] = "SMTP HTML e-mail test"**

**# Attach the html doc defined earlier, as a MIMEText html content type to the MIME message**

**email\_message.attach(MIMEText(html, "html"))**

**# Convert it as a string**

**email\_string = email\_message.as\_string()**

**context = ssl.create\_default\_context()**

**with smtplib.SMTP\_SSL(smtp\_server, port, context = context) as server:**

**server.login(sender, password)**

**#sending the email:**

**server.sendmail(sender, receiver, email\_string)**

**#Code 2**

**import smtplib, ssl**

**import getpass as gp**

**from email.mime.text import MIMEText**

**from email.mime.multipart import MIMEMultipart**

**from email.mime.application import MIMEApplication**

**# Open the attachment file for reading in binary mode (using 'rb'), and make it a MIMEApplication class**

**def file\_attacher(email\_message, file\_name):**

**with open(file\_name, 'rb') as f:**

**file\_attachment = MIMEApplication(f.read())**

**# Add header/name to the attachments**

**file\_attachment.add\_header("Content-Disposition",f"attachment; filename = {file\_name}")**

**# Attach the file to the message**

**email\_message.attach(file\_attachment)**

**# Defining required details**

**smtp\_server = "smtp.gmail.com"**

**port = "465"**

**html = """**

**This message contains an attachment, html enclosed text and simple text(this sentence).**

**<h1 style = "color:#045803;">Hello Prathamesh!</h1><br>**

**<p> This is the second Program file for <b>Python Experiment 13<b>. </p>**

**<p> The Python program used to send this email itself is the second program file. Do<b>reply if you want the second program file.</b></p>**

**"""**

**sender = "2021ca06f@sigce.edu.in"**

**receiver = "2021ca69f@sigce.edu.in"**

**password = gp.getpass(f"Enter your app password for {sender}: ")**

**# Create a MIMEMultipart class, and set up the From, To, Subject fields**

**email\_message = MIMEMultipart()**

**email\_message['From'] = sender**

**email\_message['To'] = receiver**

**email\_message['Subject'] = "SMTP e-mail test (HTML, File Attachments)"**

**# Attach the html doc defined earlier, as a MIMEText html content type to the MIME message**

**email\_message.attach(MIMEText(html, "html"))**

**# Attaching a file to the email message using function**

**file\_attacher(email\_message, "Program13a.py")**

**# Convert it as a string**

**email\_string = email\_message.as\_string()**

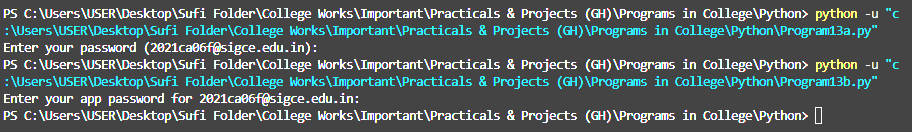
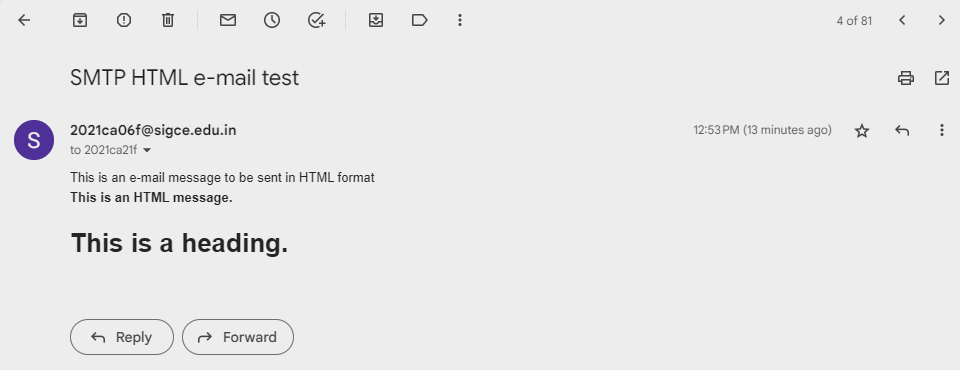
**context = ssl.create\_default\_context()**

**with smtplib.SMTP\_SSL(smtp\_server, port, context = context) as server:**

**server.login(sender, password)**

**#sending the email:**

**server.sendmail(sender, receiver, email\_string)**

**Outputs:**

