**Program 10**

Write a python program to sending email using SMTPLib.

**Aim**

To write a python to sending email using SMTPlib.

# Algorithm

Step1: Start the process.

Step2: Open PyCharm Community Edition 2021.3.2.

Step3: Import necessary modules:

i) SMTP lib for handling SMPT communication

ii) MIME Multipart and MIME text from email mime multipart for creating email content

Step4: Set up email parameters:

Login in G-mail ->manage account->security->switch on two-step verification->enter the app name->password will be generated automatically to work with the G-mails SMTP server.

Step5: Set SMTP server and port.

Step6: Try to send the mail by establishing connection to the SMTP server.

Step7: Print an error message if any exception occurs during the sending process.

Step8: Close the SMTP connection to ensure proper cleanup.

Step9: Print success message if the mail send successfully.

Step10: Stop the process.

**Coding**

import smtplib  
from email.mime.multipart import MIMEMultipart  
from email.mime.text import MIMEText  
sender\_email = "2225it.kasc@gmail.com"  
sender\_password = "fduekvipjulljvjn"  
recipient\_email = "2225it.kasc@gmail.com"  
message = MIMEMultipart()  
message["From"] = sender\_email  
message["To"] = recipient\_email  
message["Subject"] = "Kalarani"  
body = "This is a test email sent from Python."  
message.attach(MIMEText(body, "plain"))  
smtp\_server = "smtp.gmail.com"  
smtp\_port = 587  
try:  
 server = smtplib.SMTP(smtp\_server, smtp\_port)  
server.starttls()  
server.login(sender\_email, sender\_password)  
 text = message.as\_string()  
server.sendmail(sender\_email, recipient\_email, text)  
 print("Email sent successfully!")  
except Exception as e:  
 print("Error:", e)  
finally:  
server.quit()

**OUTPUT**

C:\Users\TEMP.CTIT.108\PycharmProjects\pgm10f\venv\bin\python.exe C:/Users/TEMP.CTIT.108/PycharmProjects/pgm10f/main.py

Email sent successfully!

Process finished with exit code 0

**Result**

Thus the program for sending mail using SMTP has been executed and verified successfully.