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# Aim: Write a python Program to send email to any email address.
# Branch: Comps
# Year: SE
# Sem: IV
# Subject: Python
# Name: Sidra Shaikh
# UIN: 231P064
# Roll No: 40
import smtplib, ssl
```

```
port = 587
smtp_server = "smtp.gmail.com"
sender_email = "sidrashaikh@eng.rizvi.edu.in"
receiver_email = "sidrashaikh8455@gmail.com"
password = input("Type your password and press enter:")
message = """\n
Subject: hello there
```

```
This message is send from python."""
```

```
context = ssl.create_default_context()
with smtplib.SMTP(smtp_server,port) as server:
    server.ehlo()
    server.starttls(context=context)
    server.ehlo()
    server.login(sender_email,password)
    server.sendmail(sender_email,receiver_email,message)
```

```
# Aim: Write a program to add attachment on an email.
# Branch: Comps
# Year: SE
# Sem: IV
# Subject: Python
# Name: Sidra Shaikh
# UIN: 231P064
# Roll No: 40
import smtplib
import os
from email.message import EmailMessage
```

```
def send_email_with_attachment(sender_email, sender_password, recipient_email,
subject, body, attachment_path):
    msg = EmailMessage()
    msg['From'] = sender_email
    msg['To'] = recipient_email
    msg['Subject'] = subject
    msg.set_content(body)

    if attachment_path:
```

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try:
    with open(attachment_path, 'rb') as attachment:
        file_name = os.path.basename(attachment_path)
        msg.add_attachment(attachment.read(), maintype='application',
        subtype='octet-stream', filename=file_name)
except FileNotFoundError:
    print("Attachment not found! Email sent without attachment.")

```

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try:
    with smtplib.SMTP('smtp.gmail.com', 587) as server:
        server.starttls()
        server.login(sender_email, sender_password)
        server.send_message(msg)
        print("Email sent successfully!")
except Exception as e:
    print(f"Failed to send email: {e}")

```

Example usage:

```

sender_email = "sidrashaikh@eng.rizvi.edu.in"
sender_password = "kfwl d0wg bshe vxzd" # Use App Password if 2FA is enabled
recipient_email = "sidrashaikh8455@gmail.com"
subject = "Test Email with Attachment"
body = "Please find the attached file."
attachment_path = r"C:\Users\Sana Shaikh\OneDrive\Documents\program1.txt" # Use
raw string for file path

```

```

send_email_with_attachment(sender_email, sender_password, recipient_email, subject,
body, attachment_path)

```

Aim: Write a program to send multiple emails.

Branch: Comps

Year: SE

Sem: IV

Subject: Python

Name: Sidra Shaikh

UIN: 231P064

Roll No: 40

import smtplib, ssl

port = 587

smtp_server = "smtp.gmail.com"

sender_email = "sidrashaikh@eng.rizvi.edu.in"

receiver_email = ["sidrashaikh8455@gmail.com,sidrasolkar2920@eng.rizvi.edu.in"]

password = input("Type your password and press enter:")

message = ""

Subject: hello there

This message is send from python."

```
context = ssl.create_default_context()
with smtplib.SMTP(smtp_server,port) as server:
    server.ehlo()
    server.starttls(context=context)
    server.ehlo()
    server.login(sender_email,password)
    for dest in receiver_email:
        server.sendmail(sender_email,receiver_email,message)
```