

Simple Mail Transfer Protocol (SMTP) is used for sending e-mail between mail servers.

Using Python's **smtplib** module, which defines an SMTP client session object we can send mails to any Internet machine.

<https://myaccount.google.com/lesssecureapps>

```
import smtplib
```

```
e = smtplib.SMTP('smtp.gmail.com', 587) #(Host,Port)
```

```
e.ehlo() # client initiates the SMTP communication using an ehlo (Extended Hello)
```

```
e.starttls()#starttls is a way to take an existing insecure connection and upgrade it to a secure connection
```

```
sender="academy.cmc@gmail.com"
```

```
passw="*****"
```

```
receiver="ashish3jee@gmail.com"
```

```
msg="Trying sending email in Python"
```

```
e.login(sender,passw)
```

```
e.sendmail(sender,receiver,msg)
```

```
e.quit()
```

Example:

[passwd.py](#)

```
def get_sender_add():
```

```
    sender="academy.cmc@gmail.com"
```

```
    password="*****"
```

```
    return sender,password
```

### sendemail.py

```
import smtplib
import passwd

sender,passwd=passwd.get_sender_add()

receivers = ['ashish3jee@gmail.com']

message = """From: CMC ACADEMY <academy.cmc@gmail.com>
To: To Person <ashish3jee@gmail.com>
Subject: Python SMTP e-mail test

We are testing sending email in Python
"""

try:
    e = smtplib.SMTP('smtp.gmail.com', 587)
    e.ehlo()
    e.starttls()
    e.login(sender,passwd)
    e.sendmail(sender, receivers, message)
    print ("Successfully sent email")
except SMTPException:
    print ("Error: unable to send email")
```