

Socket Programming: Assignment: 3 SMTP Client

The attached program is the SMTP Client. It establishes the SSL SMTP connection with the Gmail server and sends the test mail to the given recipient.

To run the program edit the following lines:

Line no: 62 and 63

```
userName=" jmp840@nyu.edu"           # To test the program in these two lines replace your username
password="password_goes_here"        # and password
```

In above lines add email id and password from which you want to send the mail.

Line no: 89

```
mailToAddress=" jaympatel567@gmail.com"
```

In above line add email id to which you want to send the test mail.

Please find below the screenshots generated with my email id and password :

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Browser Output:

The screenshot shows a web browser window with the Gmail interface. The address bar displays the URL <https://mail.google.com/mail/u/0/#inbox/149b530e49d74e4e>. The Gmail header includes the Google logo, a search bar, and user information for '+Jay'. Below the header, the 'Gmail' menu is visible with icons for compose, inbox, sent mail, drafts, and spam. The main content area shows an email from 'jmp840@nyu.edu' with the subject '(no subject)' and the body text 'I love computer networks !!'. The email was received at 3:42 PM (2 minutes ago). The right sidebar shows the sender's profile 'jmp840' with an 'Add to circles' button and a 'Show details' link. The left sidebar lists the email folders: 'Inbox (5)', 'Important', 'Sent Mail', 'Drafts (4)', and 'Spam'. Below the folders is a list of recent contacts, including 'Jay', 'Vatsal Patel', 'Bhaumik Patel', 'HARSHIL PATEL', 'ixit shah', and 'ashish07cp626@'. At the bottom of the page, there is a status bar with storage usage information (7.09 GB of 15 GB used), copyright notice (©2014 Google), and account activity information (Last account activity: 0 minutes ago).

(no subject) - jaympatel56 x

<https://mail.google.com/mail/u/0/#inbox/149b530e49d74e4e>

Google

Gmail

COMPOSE

WIRED - Blockbuster Games Have a Terrible, Horrible, No Good, Very Bad Day - 20 hours ago

Web Clip

(no subject)

jmp840@nyu.edu

3:42 PM (2 minutes ago)

I love computer networks !!

Click here to [Reply](#) or [Forward](#)

7.09 GB (47%) of 15 GB used

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Last account activity: 0 minutes ago

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Console Output:

```
Python Shell
File Edit Shell Debug Options Windows Help
Python 2.7 (r27:82525, Jul  4 2010, 07:43:08) [MSC v.1500 64 bit (AMD64)] on win
32
Type "copyright", "credits" or "license()" for more information.
>>> ===== RESTART =====
>>>
220 mx.google.com ESMTP c104sm30323247qgd.30 - gsmtip
250 mx.google.com at your service
220 2.0.0 Ready to start TLS
250 mx.google.com at your service
334 UGFzc3dvcmQ6
235 2.7.0 Accepted
250 2.1.0 OK c104sm30323247qgd.30 - gsmtip
250 2.1.5 OK c104sm30323247qgd.30 - gsmtip
354 Go ahead c104sm30323247qgd.30 - gsmtip
250 2.0.0 OK 1416084120 c104sm30323247qgd.30 - gsmtip
>>>
```

Ln: 25 Col: 4