

Design Document

- The code is designed in order to send an email from the simple mail client.
- A TCP Connection is made with the Mail Server
- SMTP Protocol is used to send the mail
- SSL Socket is implemented
- To execute simply enter your mail ID and Password and Enter the Receiver's mail ID.
- The program will deliver the Body of your program as mail to the Receiver.
- EHLO was used instead of HELO for SSL Socket

remote.cs.binghamton.edu - PuTTY

```
sjain13@remote01:~/CN$ python Test.py
Message after connection request:220 smtp.gmail.com ESMTP h187sm25467524qkf.97 -
gsmtip

Message after EHLO command:250-smtp.gmail.com at your service, [128.226.114.201]
250-SIZE 35882577
250-8BITMIME
250-STARTTLS
250-ENHANCEDSTATUSCODES
250-PIPELINING
250-CHUNKING
250 SMTPUTF8

530 5.7.0 Must issue a STARTTLS command first. h187sm25467524qkf.97 - gsmtip

After MAIL FROM command: 530 5.7.0 Must issue a STARTTLS command first. h187sm25
467524qkf.97 - gsmtip

After RCPT TO command: 530 5.7.0 Must issue a STARTTLS command first. h187sm2546
7524qkf.97 - gsmtip

After DATA command: 530 5.7.0 Must issue a STARTTLS command first. h187sm2546752
4qkf.97 - gsmtip

Response after sending message body:502 5.5.1 Unrecognized command. h187sm254675
24qkf.97 - gsmtip

502 5.5.1 Unrecognized command. h187sm25467524qkf.97 - gsmtip

sjain13@remote01:~/CN$
```

