Lab1：Socket Programming 11.4之前发给刘昊刘昊:

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邮件主题【作业提交】Lab1-姓名-学号

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The goal of this programming assignment is to create a simple mail client (use python 2.7) that sends email to any recipient. Your client will need to establish a TCP connection with a mail server (e.g., mail.bit.edu.cn mail server), dialogue with the mail server using the SMTP protocol, send an email message to a recipient (e.g., your friend) via the mail server, and finally close the TCP connection with the mail server.

Two optional approaches

1. Use socket directly
2. Use the library “smtplib” from python

一般步骤：

1. 建立TCP连接（通过流套接字）
2. 构造应用层报文（注意控制字符，如回车或换行等的表示）
3. 通过TCP连接发送和接收应用层报文（使用流套接字）
4. 解析收到的应用层报文，并以合适的方式显示或处理
5. 关闭TCP连接（套接字）