Below is a document briefly explaining my solution.

To begin this program uses the java input\output and network packages. It then creates a new socket with my localhost running on port 25. My localhost is currently running an SMTP server called hMailServer that has a domain configured called webby.com. This SMTP also has an account for [eric@webby.com](mailto:eric@webby.com). The socket then gets the input stream and reads the response from the server which should be a 220 status code that the server is ready. The code then sends a HELO command and expects a response back of 250 to indicate that the server has sent a message. It then issues a MAIL FROM command to indicate who the mail is from and expects back another 250 response. Similarly to the MAIL FROM we then have the RCPT TO command to indicate where the email should be sent. Next we have the DATA command the writes to the output stream the contents of your email. When it is all finished a period is written to the output stream to indicate the email is over. Once the email is sent and we get a response back from the server the QUIT command is issued. This Java program sends an email between to clients while running locally on hMailServer.



Submitted to: Professor Wei Li

Student’s Name: Eric Webb

Date of Assignment: 09/29/2019

Title of Assignment: Assignment No. 2

Certification of Authorship: I hereby certify that I am the author of this document and that any assistance I received in its preparation is fully acknowledged and disclosed in the document. I have also cited all sources from which I obtained data, ideas, or words that are copied directly or paraphrased in the document. Sources are properly credited according to accepted standards for professional publications. I also certify that this paper was prepared by me for this course.

Student's Signature: ERIC WEBB