1. Length calculation :
   a) Packet 1 : 557 - 20 - 20 = 517   (20 is the IP header length and 20 is the TCP header length)
   b) Packet 2 : 608 - 20 - 20 = 568
   c) Packet 3 : 264 - 20 - 20 = 224
   d) Packet 4 : 485 - 20 - 20 = 445
      i. Total Length of message = message length(packet 1 + packet 2 + packet 3 + packet 4) = 1754
2. The user was authenticated by Basic Access Authentication technique.
3. The encoding algorithm used is the Base 64 encoding scheme.
4. The user name and password is as follows :
   a) Username : eth-students
   b) Password: networks