CN Assignment 1

Q1) 1 TCP connection has been made.
The tuple for the TCP connection is: <127.0.0.1, 57170, 127.0.0.1, 9001>

Q2) Port number of the server = 9001 Port number of the client = 57170

Q3) A total of 191 packets were exchanged between client and server.
For the exchange of file of size 313756bytes a total 177 packets were exchanged.
First 3 packets were for establishing the connection.
Next 4 packets were for the filename transfer and a message from the server on whether the files existed or not. As file didn't existed on the first time a new name had to transferred which took next 4 packets
From packet number 12 the file transfer started and went on till the 188th packet which was the ACK packet for the last packet of the file.
Last 3 lines are for connection closing where client closes connection and server sends the ACK packet.

Q4) First packet time = 22.67
Last packet time = 22.81
Time taken = 0.14 sec = 140 millisec

NOTE - pcap file has been attached with the assignment