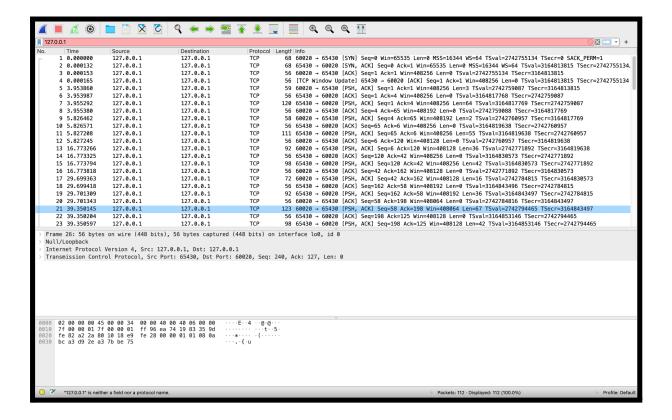
We close all other processes running on the system and just run the client server interaction on the terminal. We capture this client server interaction on Wireshark.



## Some noticeable points from the Wireshark dump are

- 1. Notice that first SYN and [SYN, ACK] appear which send the connection request followed by ACK which signifies the conformation of connection.
- 2. Host and the destination are same IP address since we were running in the standar loopback mode and connection to no external device was established.
- 3. Protocol for all the steps in the layers is TCP since this is the way we coded in the client and server.
- 4. SYN and ACK are seen more continuously and synchrously as compared to when we perform the dump analysis on the internet activities.
- 5. We can see the encrypted data. Which conforms that we were indeed using the functionalities of the crypt layer. See the marked-up 'dwc' and the reverse directory path in the bottom pane.

