Description:

I have used Identification field to send covert messages from Server to Client. The major reason to do so is because identification number and the ASCII value from python looks similar in format and cannot be guessed while having a look from Wireshark.

In my server code, I initialize this field by 0 at the beginning of the communication so that while parsing the sniffed packets client can identify the start of covert message.

The Identification numbers obtained at the client side are the ASCII values of the message. At client side, the program converts this ASCII to character and reforms the actual message sent from server.