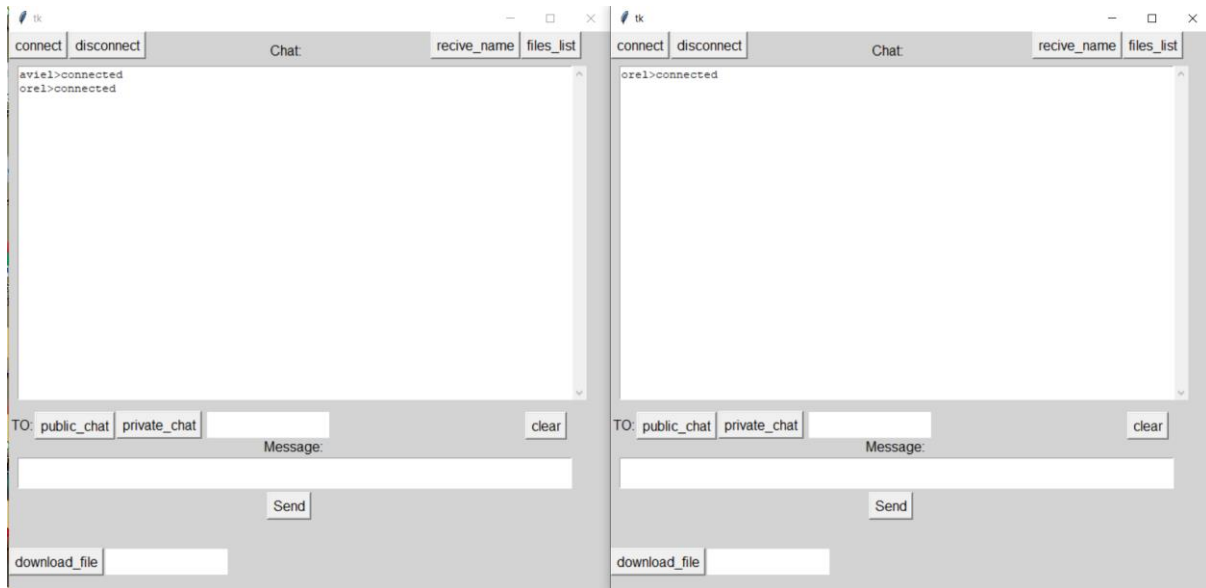
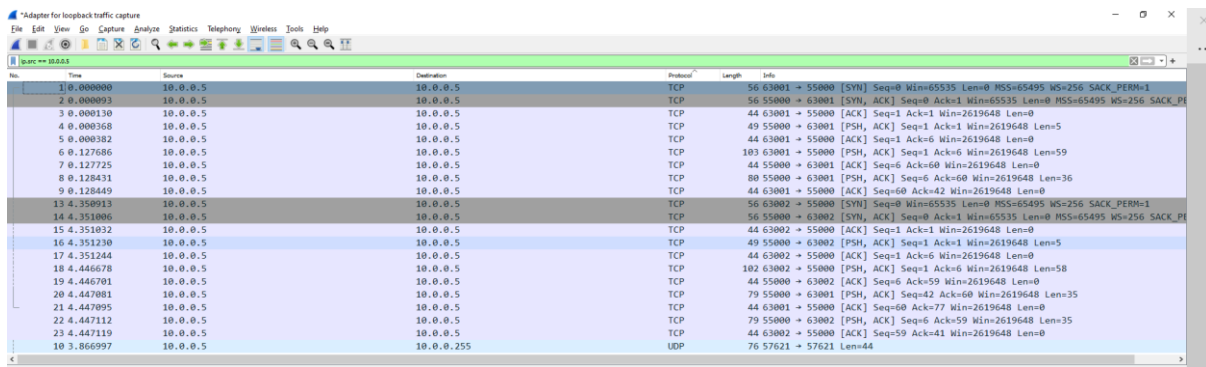


Conectd

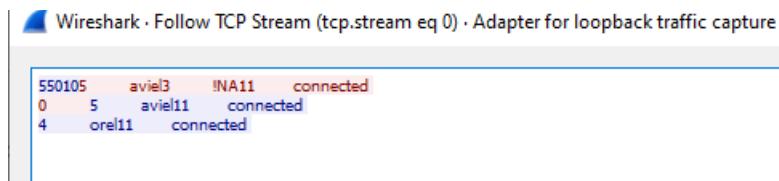
The action in the gui



The sniffing in Wireshark



The syntax in the sniffing

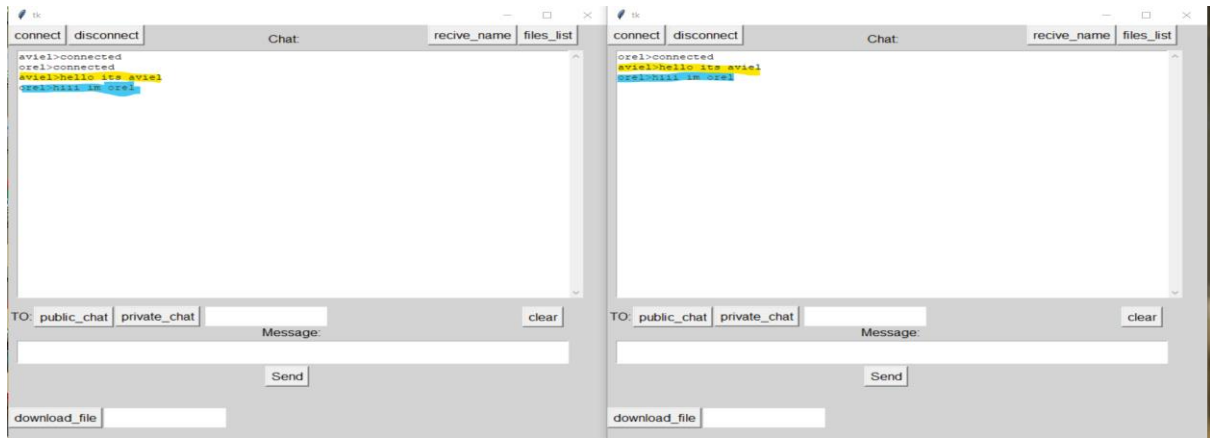


Name of recording: connect.pcapng

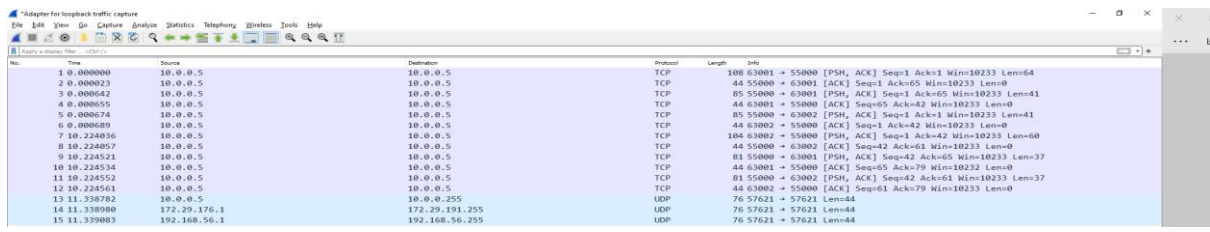
explanation: we can see that we press on connect button in both of the guis we sniff in the Wireshark the transmission in TCP protocols and we open the details(TCP stream) of the packet and receive the same data we get in the gui(client)

Send message

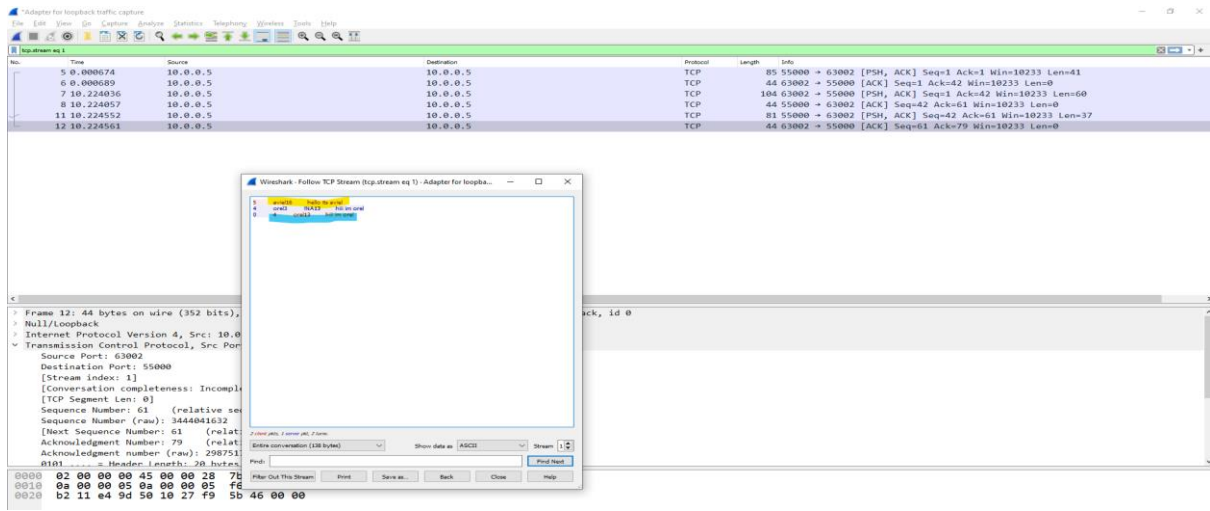
The action in the gui



The sniffing in wireshark



The syntax in the sniffing



Name of recording: massege.pcapng

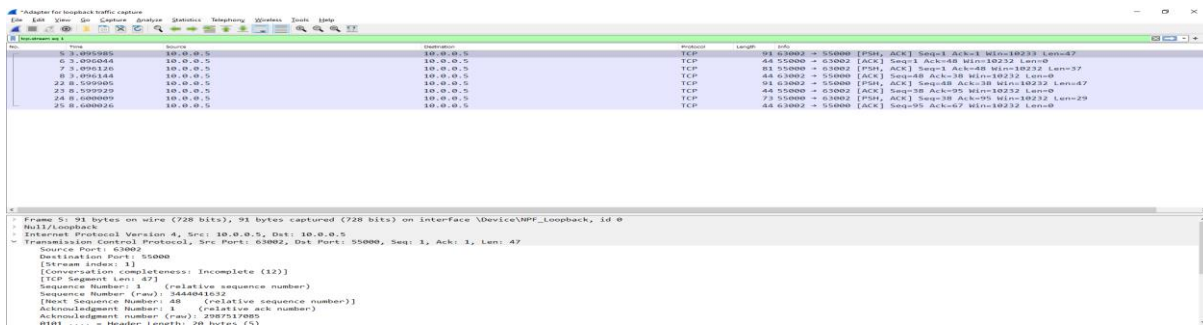
explanation: we can see that we sand messages from aviel to orel and the opposite direction we sniff in the Wireshark the transmission in TCP protocols and we open the details (TCP stream)of the packet and receive the same date we get in the gui(client)

Receive file and name list

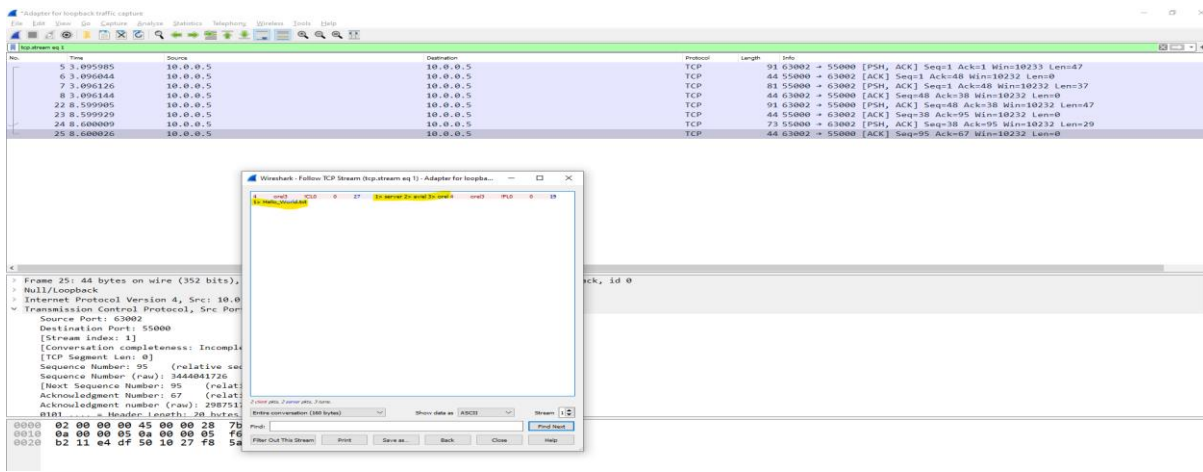
The action in the gui



The sniffing in Wireshark



The syntax in the sniffing

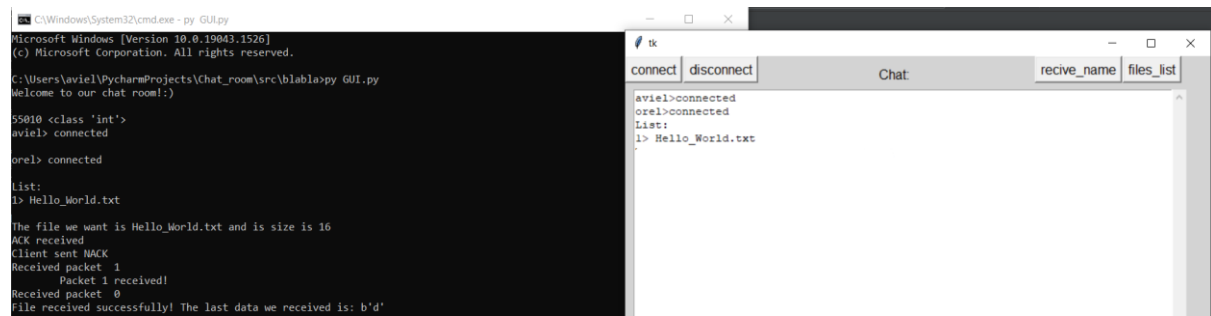


Name of recording: recive files and names list.pcapng

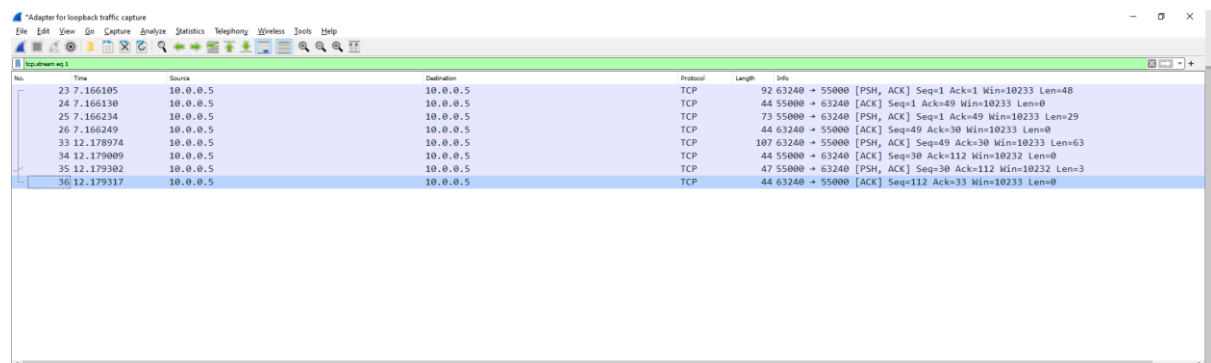
explanation: we can see that we sand request to the file list and the files list. we sniff in the Wireshark the transmission in TCP protocols and we open the details (TCP stream)of the packet and receive the same date we get in the gui(client)

Download file

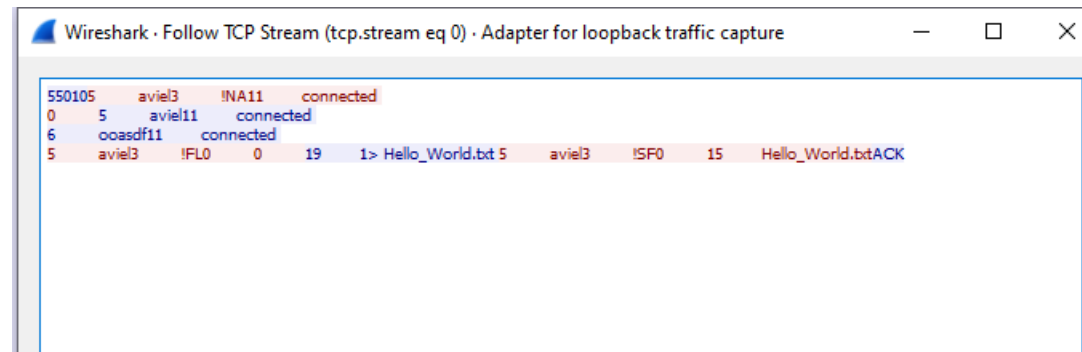
The action in the gui



The sniffing in Wireshark



The syntax in the sniffing



Name of recording: download file.pcapng

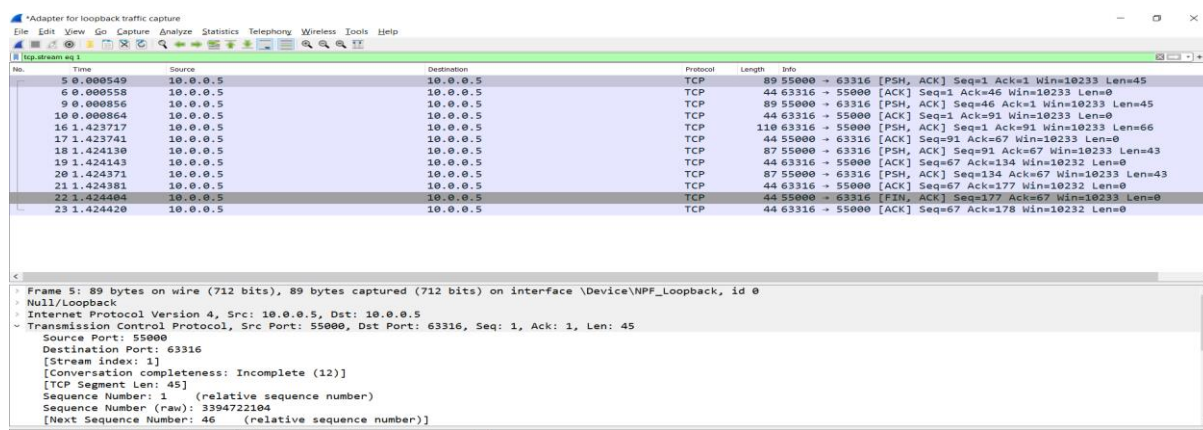
explanation: we can see that we send request to download file with the name Hello World .txt. we sniff in the Wireshark the transmission in TCP protocols. and we open the details (TCP stream)of the packet and receive the same data we get in the gui(client)

disconnected file

The action in the gui

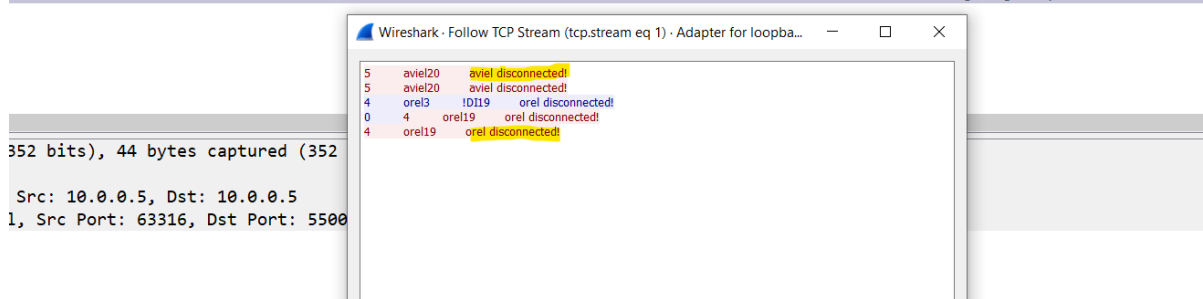


The sniffing in Wireshark



The syntax in the sniffing

10.0.0.5	TCP	110 63316 → 55000	[PSH, ACK] Seq=1 Ack=91 W
10.0.0.5	TCP	44 55000 → 63316	[ACK] Seq=91 Ack=67 Win=1
10.0.0.5	TCP	87 55000 → 63316	[PSH, ACK] Seq=91 Ack=67
10.0.0.5	TCP	44 63316 → 55000	[ACK] Seq=67 Ack=134 Win=
10.0.0.5	TCP	87 55000 → 63316	[PSH, ACK] Seq=134 Ack=67
10.0.0.5	TCP	44 63316 → 55000	[ACK] Seq=67 Ack=177 Win=
10.0.0.5	TCP	44 55000 → 63316	[FIN, ACK] Seq=177 Ack=67
10.0.0.5	TCP	44 63316 → 55000	[ACK] Seq=67 Ack=178 Win=



Name of recording: disconnect.pcapng

explanation: we can see that we send order to disconnect from the server. we sniff in the Wireshark the transmission in TCP protocols. and we open the details (TCP stream)of the packet and receive the same data we get in the gui(client)