**Experiments 10:**

**Aim: -** to capture and analyze packets in Wire shark

**Theory: -**

Wire shark is an open source packet analyzer. It is used for network troubleshooting, analysis, software and communications protocol development, and education.

**Steps: -**

1. Select the interface for which you want to capture packets from the list shown on starting window in wire shark.
2. Either double click on the interface or go to capture tab and select start to start capturing packets.
3. When you are done capturing packets go to capture tab and select stop to stop capturing packets.
4. Then you can apply filter if you want to see some specific protocol packets.
5. You can plot graph between protocols.
6. And by double clicking on the packet you will get detailed information about the packet.

**Result: -**

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface

Description automatically generated