Exercise 4:

1. Monitor the network communication with sniffers (like Wireshark).

Aim:

Wireshark is the world's foremost network protocol analyzer.wireshark monitor the network traffic. It lets you see what's happening on your network at a microscopic level. Wireshark is useful across many industries and educational institutions.

Main Features

* [Deep inspection of hundreds of protocols](https://www.wireshark.org/docs/dfref/), with more being added all the time
* Live capture and offline analysis
* Multi-platform: Runs on Windows, Linux, OS X, FreeBSD, NetBSD, and many others
* Captured network data can be browsed via a GUI, or via the TTY-mode (Text telephone (TTY) mode is used to send text over a telephone line).The most powerful display filters in the industry
* Rich VoIP(Voice over IP) analysis
* Read/write many different capture file formats: