**Experiment No 8**

**Aim: Perform Remote login using Telnet server. Theory:**

Telnet is a protocol used on the Internet or local area network to provide a bidirectional interactive text-oriented communication facility using a virtual terminal connection. User data is interspersed in-band with Telnet control information in an 8-bit byte oriented data connection over the Transmission Control Protocol (TCP).

**Procedure:**

Steps to Install and Use Telnet in Ubuntu:

Step 1: First write “sudo apt-get install telnetd” and press enter. “telnetd” is a daemon that gets invoked by “inetd” or its extension “xinetd”, both are the internet servers.

A screen shot of a computer

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Step 2: write “y” and then press enter to continue.

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Step 3: Now restart “inetd”. Type “sudo /etc/init.d.open-bsd-inetd restart”. “inetd” is daemon used for dealing with incoming network and it is responsible for deciding which program to run when a request comes.

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Step 4: To ensure “inetd” is started, press enter after writing the above command.

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To connect with any remote client:

Step 5: Just type:“telnet hostipaddress”. For an example: “telnet 122.175.140.221” and press enter.

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Step 6: Then it is connected to “host ip address”. For security reasons, it is required to provide “username” and “password” as well.

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**Conclusion:**

Thus we have successfully performed remote login using telnet server.