Experiment Number 3

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Roll No : 23dc06

Aim : Use Telnet commands in Linux

Theory :

Telnet, short for "Teletype Network," is a network protocol used to provide a bidirectional interactive text-oriented communication facility using a virtual terminal connection. Established in the late 1960s and standardized as IETF RFC 854, Telnet operates over the Transmission Control Protocol (TCP), typically using port 23.

OUTPUT

aiktc@CO-LAB1\_13:~$ sudo apt install telnet

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

telnet is already the newest version (0.17-44build1).

0 upgraded, 0 newly installed, 0 to remove and 640 not upgraded.

aiktc@CO-LAB1\_13:~$ telnet --version

telnet: invalid option -- '-'

Usage: telnet [-4] [-6] [-8] [-E] [-L] [-a] [-d] [-e char] [-l user]

[-n tracefile] [ -b addr ] [-r] [host-name [port]]

aiktc@CO-LAB1\_13:~$ telnet 172.16.101.20

Trying 172.16.101.20...

telnet: Unable to connect to remote host: No route to host

aiktc@CO-LAB1\_13:~$ telnet 172.16.101.22

Trying 172.16.101.22...

telnet: Unable to connect to remote host: No route to host

aiktc@CO-LAB1\_13:~$ telnet 172.16.101.21

Trying 172.16.101.21...

telnet: Unable to connect to remote host: No route to host

aiktc@CO-LAB1\_13:~$ telnet 172.16.101.23

Trying 172.16.101.23...

Connected to 172.16.101.23.

Escape character is '^]'.

Linux Mint 21 Vanessa

CO-LAB1\_13 login: aiktc

Password:

Last login: Mon Aug 26 10:51:31 IST 2024 from 172.16.101.15 on pts/1

aiktc@CO-LAB1\_13:~$