



GHARDA FOUNDATION

GHARDA INSTITUTE OF TECHNOLOGY, LAVEL

Department of Computer Engineering

Evaluation Sheet

Class: TE-Computer Engineering

Sem: V

Subject: **Computer Networks**

Experiment No: 8

Title of Experiment: Study of Remote Login using TELNET

Name of Student: Harvande Sanket Chandrashekhar Roll No: 19

Sr. No.	Evaluation Criteria	Max Marks	Marks Obtained
1	Practical Performance	8	
2	Oral	5	
3	Timely Submission	2	
	Total	15	

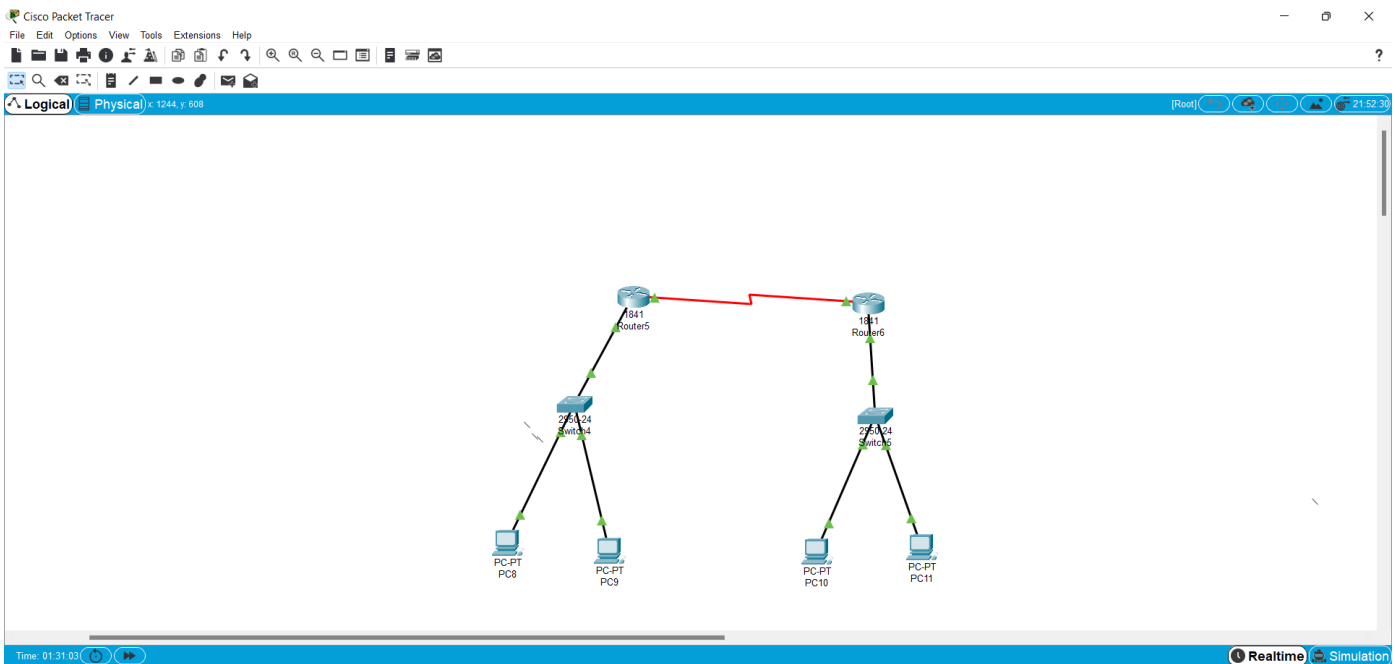
Signature of Subject Teacher
(Mr. S. S. Tathare)


Aim: To study the implementation of TELNET remote login using CISCO packet tracer.

Apparatus: Packet Tracer software **Procedure:**

1. Configure a network using at-least two switches, two routers and 4 PC.
2. Configure IP addresses of all PCs and the router interfaces using proper rules of classless addressing.
3. Ensure that all the connections turn green which indicate the connections as UP.
4. Check for the connectivity using ICMP ping command, the connectivity fails.
5. Configure dynamic routing on both the routers using distance vector routing protocol, RIP.
6. Check for the connectivity using ICMP ping command, the connectivity succeeds. 7. Configure TELNET on one router using the commands of telnet configuration ensuring one access to the router in remote logging method.
7. Using one of the PC on remote network, take the remote login to the router using telnet command and make the changes on the router.

Screenshots :



 Router6

Physical

Config

CLI

Attributes

IOS Command Line Interface

```
Router(config)#interface Serial0/1/0
Router(config-if)#ip address 30.1.1.2 255.0.0.0
Router(config-if)#
Router(config-if)#exit
Router(config)#router rip
Router(config-router)#network 10.0.0.0
Router(config-router)#network 20.0.0.0
Router(config-router)#network 30.0.0.0
Router(config-router)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

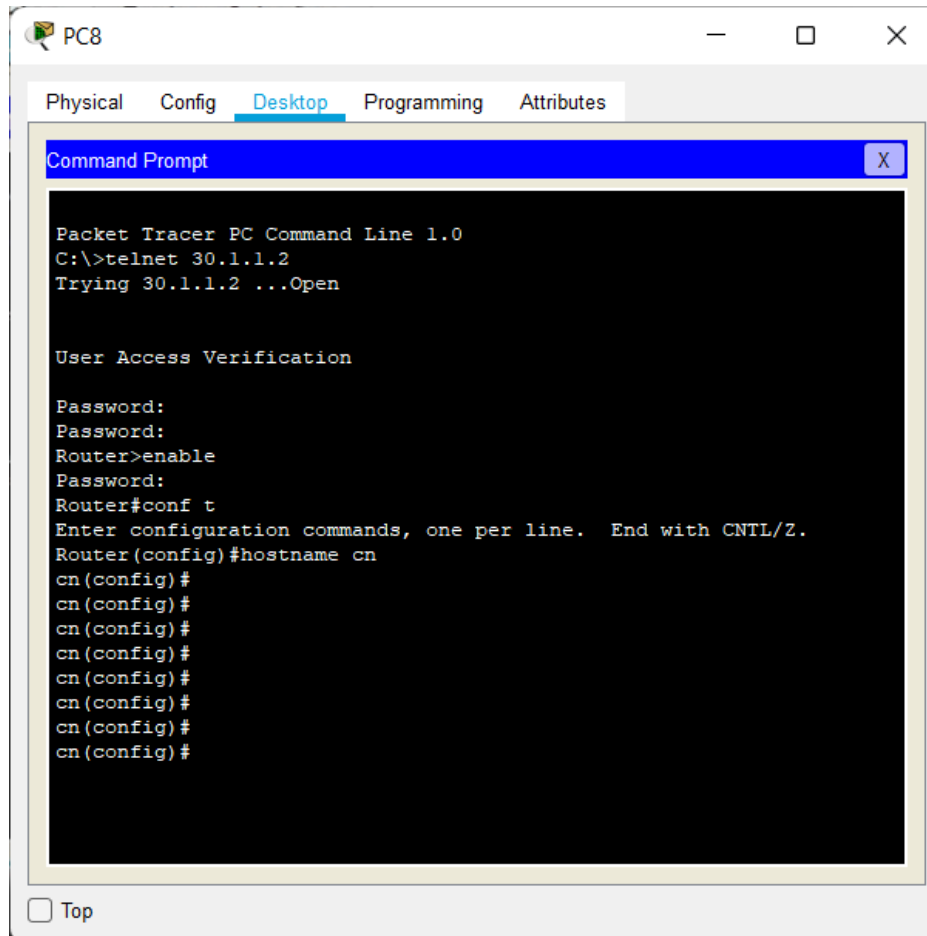
Router#
Router#
Router#
Router#
Router#config
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#line vty 0
Router(config-line)#password 123
Router(config-line)#exit
Router(config)#enable secret 123
Router(config)#
```

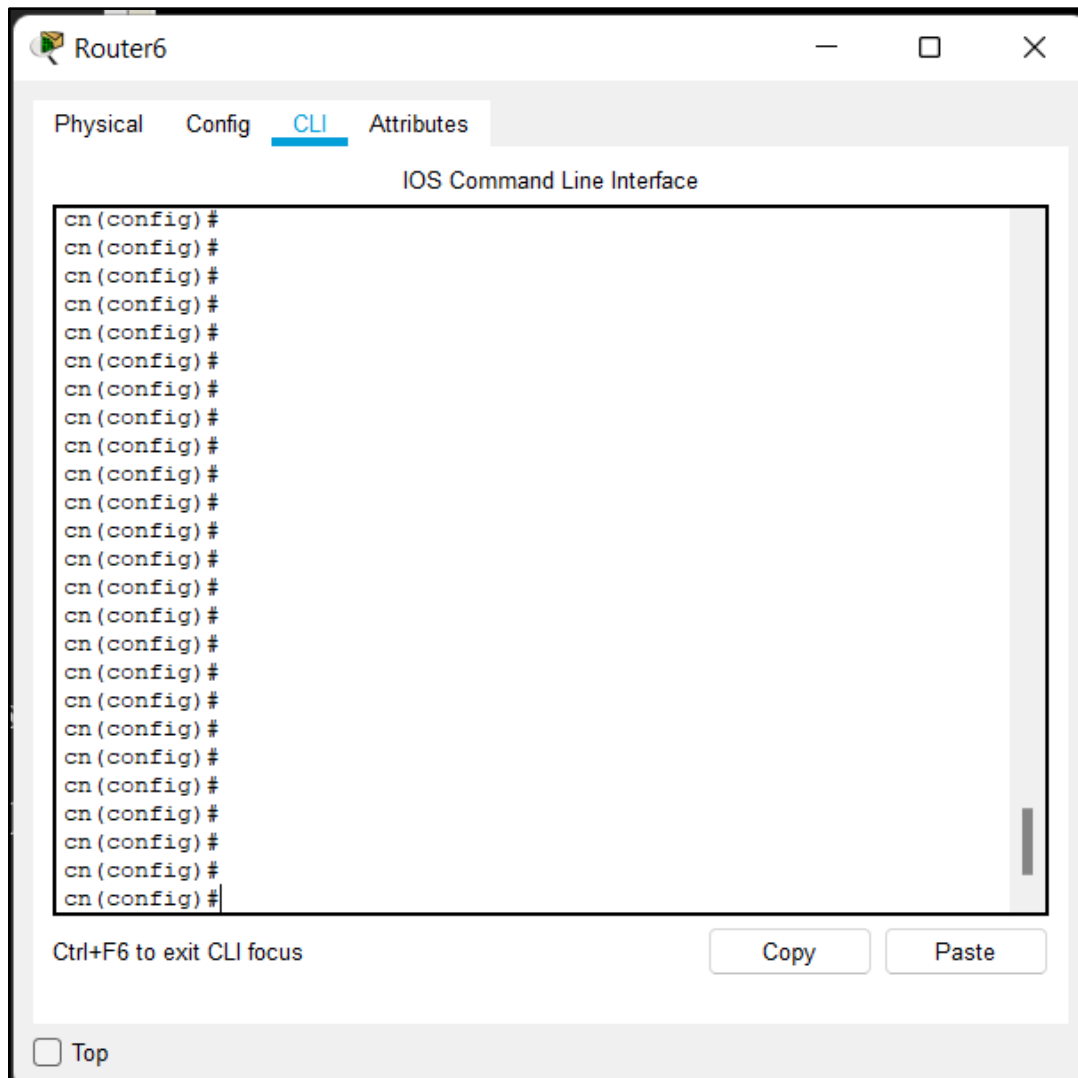
Ctrl+F6 to exit CLI focus

Copy

Paste

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Conclusion: Thus, the study of the implementation of TELNET remote login using CISCO packet tracer is done.