

26. 9. 25

## Experiment - 10 - a

### Routers via Cisco packet tracer

Aim: InterNetworking with routers in cisco

PACKET TRACER.

Design and configure a simple intranet using a router.

In this network, a router and 2 PCs are used. computers connected with routers using copper straight-through cables. After forming the network, the network connectivity a simple, PDV is transferred from PC 0 to PC 1.

Procedure

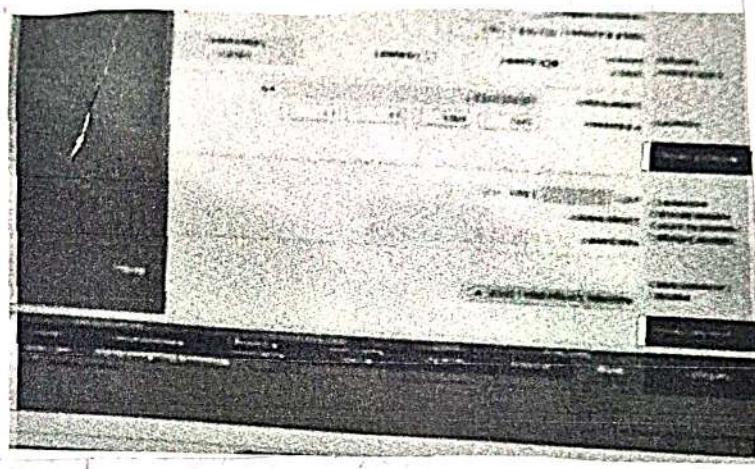
Step - 1 (Configuring Router 1):

1. Select the router and open CLI.
2. Press F10 to start configuring Router.
3. Type enable to activate the privileged mode.

Step - 2 (Configuring PC<sub>1</sub>):

1. Assign IP addresses to every PC in the network

- Select the PC, go to the desktop and select IP configuration and assign an IP address, default gateway, subnet mask.
- 3. Assign the default gateway of PC0 as 192.168.10.1
- 4. Assign the default gateway PC1 as 192.168.20.1.



Result:

~~InterNetworking of routers~~ was completed  
Successfully. ✓