papergrid

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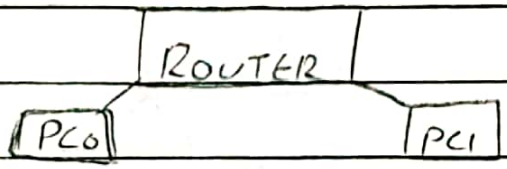
LAB 2

- Topology-



- Procedure

i) Place one router (Router - PT) and 2 end devices.

ii) Connect the end devices to the router with appropriate cable.

iii) Set IP address and default gateway to each End device.

iv) Configure the router using the CLI. Put IP address same as the respective gateway address of the desktop.

v) Select PC0 and open the command prompt and ping the PC1 using its IP address.

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- Observations:

PC1 replies from 10.0.0.20 Bytes = 32 time = 10
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PC1 replies from 10.0.0.20 Bytes = 32 time = 10

Number of packets sent = 4
Number of packets received = 4
Loss = 0%

Each data packet sent across the network contains contains address information that a router can use to destination are on the same network.

- CLI Commands-

Enable
config t
interface fastethernet 0/0
ip address 10.0.0.10 255.0.0.0
no shut

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