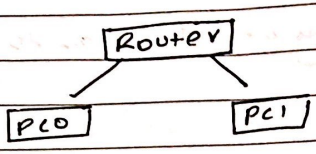
LAB 2:



Step 1: Place the devices & make a connection

Step 2: Set IP & gateway address of both the devices PC0 by PC1

Step 3: configure the router IP address same as the respective gateway address of the desktop.

Step 4: Open desktop control panel & ping the IP address

OUTCOME:

PC0 replies from 10.0.0.20: bytes=32 time=10ms

PC0 replies from 10.0.0.20: bytes=32 time=9ms

PC0 replies from 10:0.0.20 bytes=32 time=7ms

PC0 replies from 10.0.0.20 bytes=32 time=5ms

So in total 4 packets sent, 4 received.

Each data packet contains address information that a router can use to determine if the source & destination are on the same network.