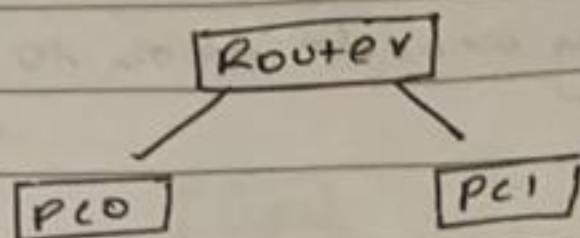


## LAB 2:



- Step 1: Place the devices & make connection
- Step 2: Set IP & gateway addresses 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.