Lab 02 – Networking
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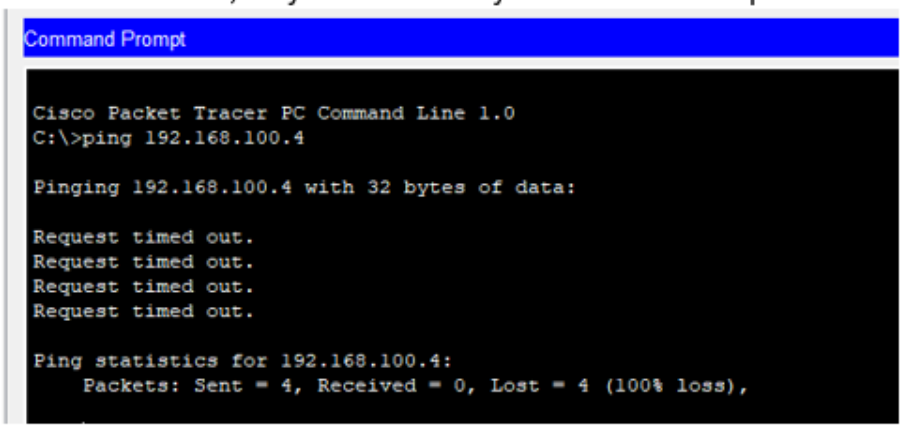
E/21/291

[iii] Connect Switch0 and Switch1 with an Ethernet cable.
● Briefly explain what happens when PC0 sends an ICMP request to PC7.

An ICMP request from PC0 to PC7 timed out due to unsuccessful connection. Since the two PCs are on different subnets, they cannot directly share an ICMP request.



[iv] Describe how to reconfigure the network to enable communication between PC0 and PC7.

A router can be used connect the two LANs between the switches.

v] After placing a router between the two LANs, explain how packet delivery can be enabled without using a routing protocol.

Using static routes to manually define paths we can connect 2 LANs without using a routing protocol. by assigning addresses to router interface and by setting default getaway on pcs in each LAN we can connect the LANs.
[vii] Enable communication between the two networks without configuring a routing protocol.

by using a static route and having default getaway address on the pCs and the Router we can enable communication between 2 networks without configuring a routing protocol.