LAB WEEK 5

a) To configure IP addresses of the host using DHCP server present within the LAN.

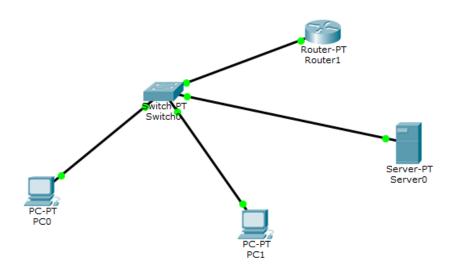


Figure 1: Topology

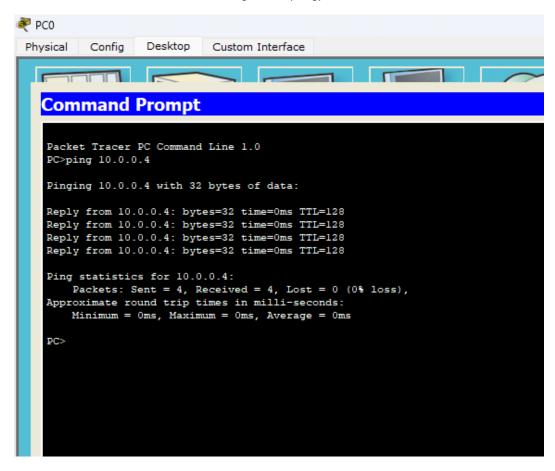


Figure 2: Output

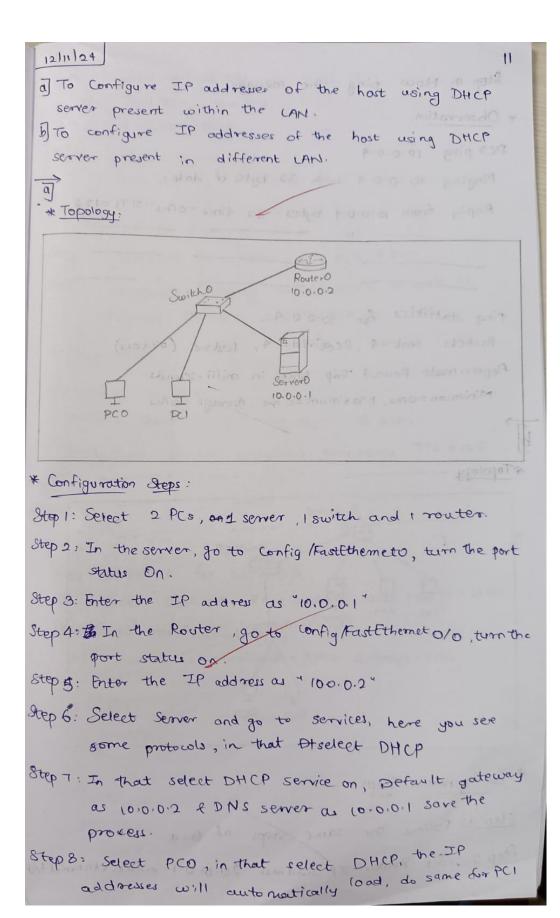


Figure 3: Observation Book1

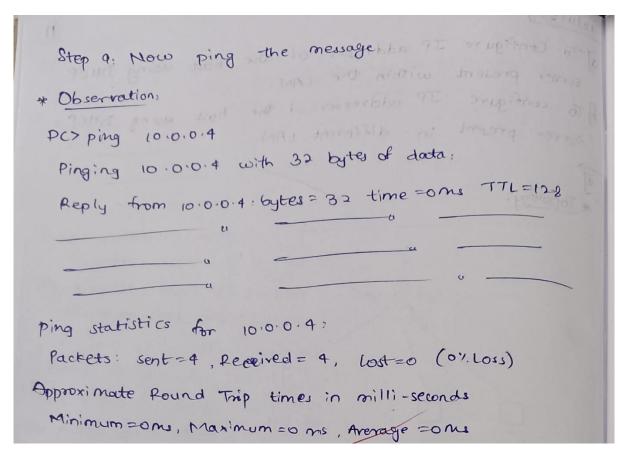


Figure 4: Observation Book 2

b) To configure IP addresses of the host using DHCP server present in different LAN.

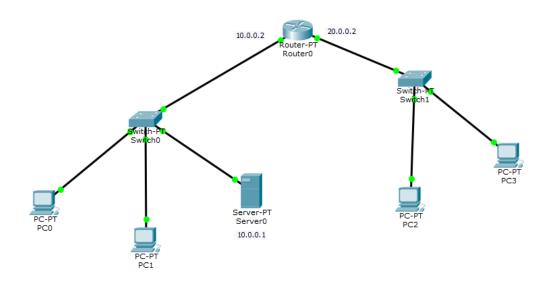


Figure 5: Topology

```
PC>ping 20.0.0.3

Pinging 20.0.0.3 with 32 bytes of data:

Reply from 20.0.0.3: bytes=32 time=0ms TTL=127

Reply from 20.0.0.3: bytes=32 time=0ms TTL=127

Reply from 20.0.0.3: bytes=32 time=3ms TTL=127

Reply from 20.0.0.3: bytes=32 time=0ms TTL=127

Ping statistics for 20.0.0.3:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 3ms, Average = 0ms

PC>
```

Figure 6: Output

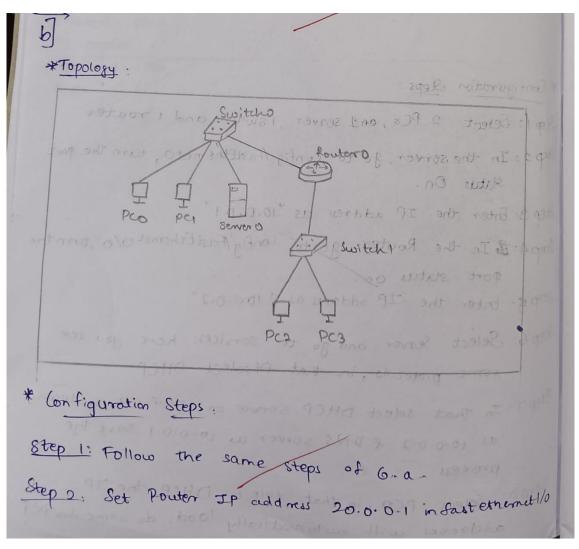


Figure 7: Observation Book 1

- int faste themet 1/0 do iphelper 10.0.0.1 Same fastethemet Step 3: Server pool 2 20.0.0.1 10.0.0.1 Start Ip first box=20 Step 4: Grenerate IP address for PCD & PCB Step 5: Successful pinging in 20.0.00 as well as between 10.0.0.0 and 20.0.0.0. * Observation: PC> ping 200.0.3 Pinging 20.0.0.3 with 32 bytes of data: Reply from 20.0:03: bytes=32, time=oms TTL=128 to 31 Mars, steels sense, to lo services, select DNS. In ping statistics for 20.0.0.3: Packets: sent = 4, Received = 4, Lost = 0 (07. Loss) Approximate round trip in milliseconds: Mini num oms, Maximum = oms, Average = oms the same when the proper man

Figure 8: Observation Book 2