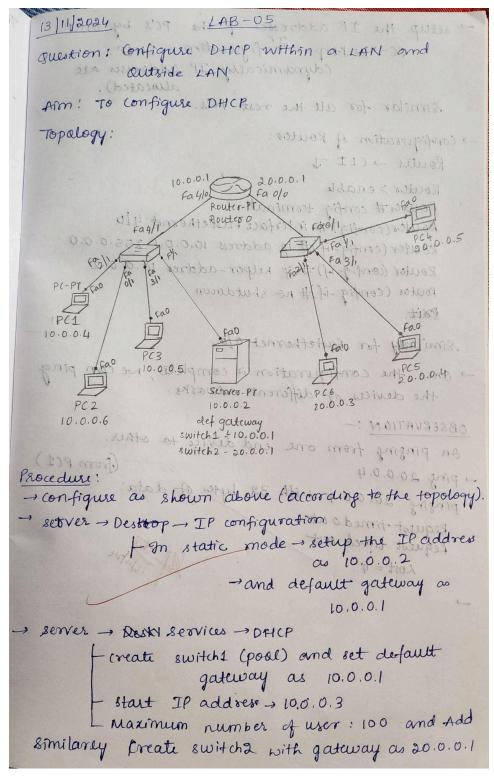
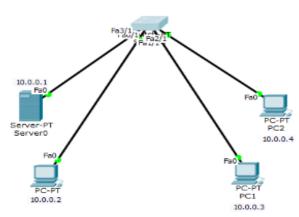
#### **Observation Book:**

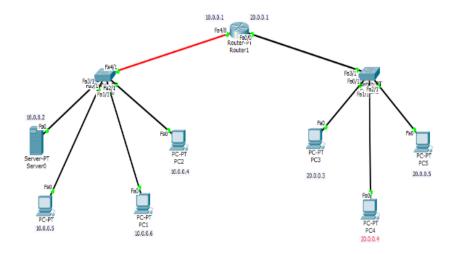


- setup the IP addresses of the PC's by DHip PC + Desktop - Tonfiguration - DHCP Edynamically IP addresses are allocated). Smilar for all the rest pels supition of ing → configuration of Routes: Router -> CLI J Router > enable Router# config terminal Router(config) # interface fastetherner 4/0 Router (config-if)# ip address 10.0.0.1 255.0.0.0 Router (config-if) # ip helper-addres 10.0.0.2 Router (config-if)# no shutdown exit. Similarly for fastethernet olo. - once the configuration is complete, we can ping the devices of different networks. OBSERVATION :on pinging from one end device to other. (from PC1) - pmg 20.0.0.4 progreg 20:00.4 with 32 types of data: Request timedo atoto vap from 9I - 90 \$1830 - 20 VOS Request timed out Lost = 401 and default gativag as

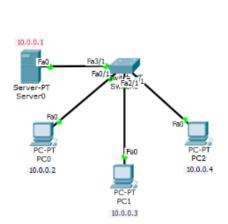
## Topology: (within Lan)



#### (outside Lan)



# OUTPUT: (within Lan)



```
₹ PC0
                                                                                                                                                                                 ×
                       Config
                                          Desktop
                                                                                                                                                                                        Х
       Command Prompt
         Packet Tracer PC Command Line 1.0
         PC>ping 10.0.0.1
         Pinging 10.0.0.1 with 32 bytes of data:
        Reply from 10.0.0.1: bytes=32 time=0ms TTL=128
        Ping statistics for 10.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = Oms, Maximum = Oms, Average = Oms
         PC>ping 10.0.0.4
         Pinging 10.0.0.4 with 32 bytes of data:
        Reply from 10.0.0.4: bytes=32 time=lms TTL=128
Reply from 10.0.0.4: bytes=32 time=0ms TTL=128
Reply from 10.0.0.4: bytes=32 time=0ms TTL=128
Reply from 10.0.0.4: bytes=32 time=0ms TTL=128
         Ping statistics for 10.0.0.4:

Dackets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:

Minimum = Oms, Maximum = lms, Average = Oms
```

### (outside Lan)

