Name: J S MEGHANA

USN:1BM18CS039

Section: A

Batch: A2

Sem: 5

Cycle: 1

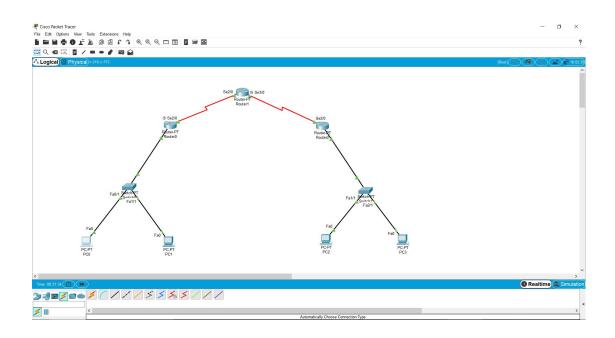
Experiment: 4

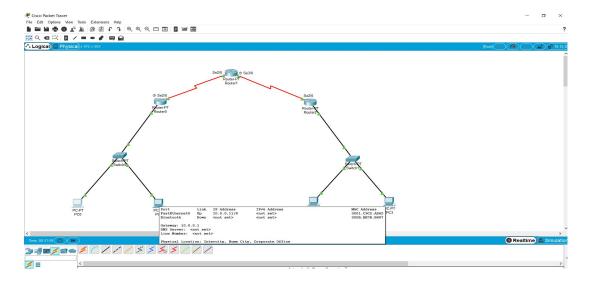
Aim: Configuring DHCP within a LAN in a packet Tracer

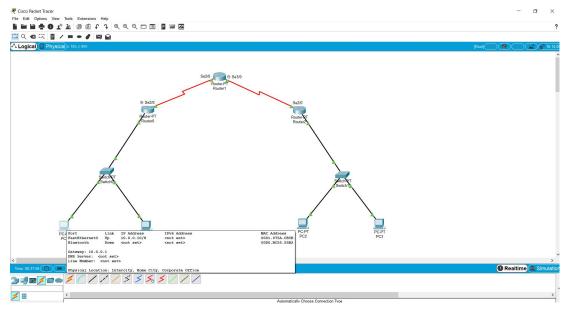
Hardware Required:

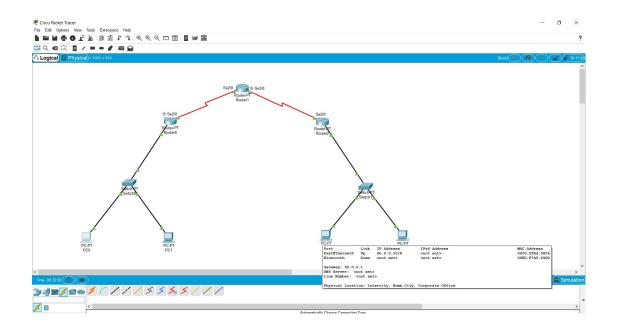
- 1. Router(three)
- 2. Switch(two)
- 3. Pc's (four)

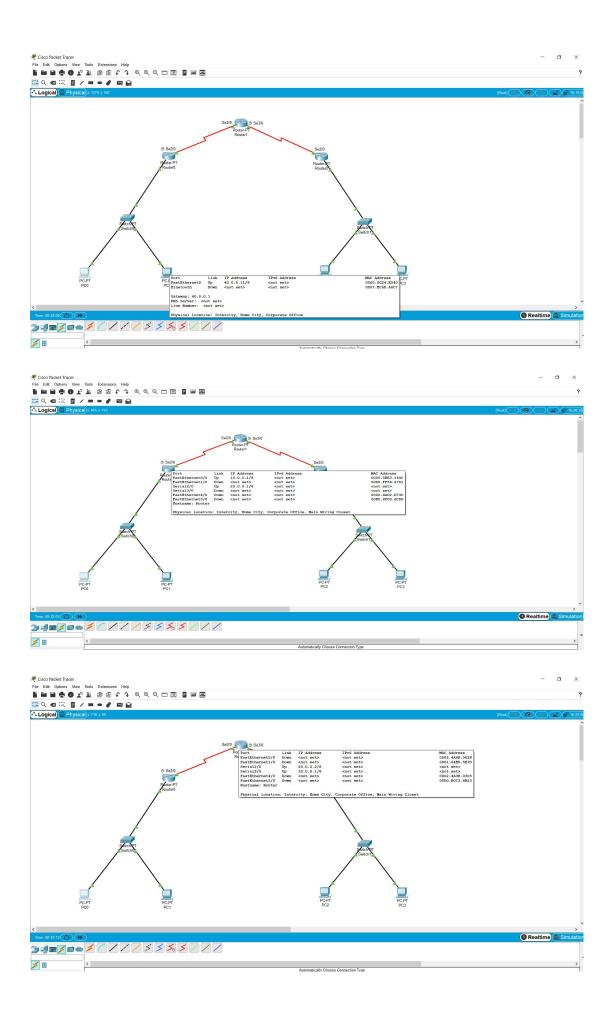
Topology:

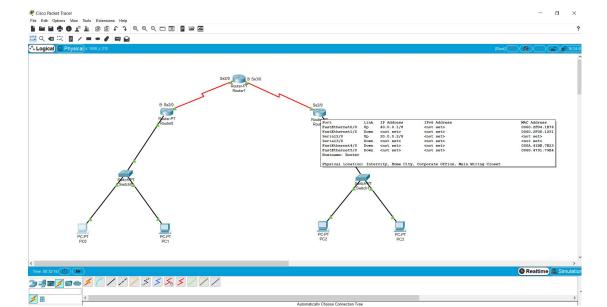


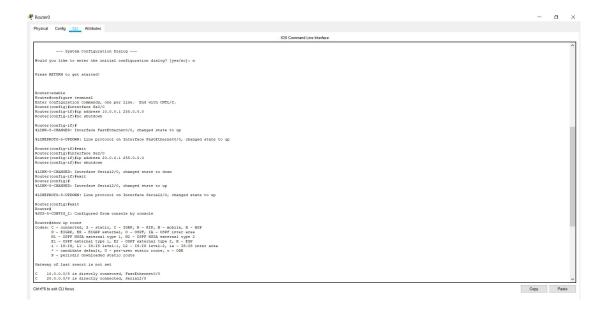














```
o ×
Physical Config CLI Attributes
                                                                                                                                                                                                             IOS Command Line Interface
                  --- System Configuration Dialog ---
  Would you like to enter the initial configuration dialog? [yes/no]: n
  Press RETURN to get started!
ROUGE-Fashals
Rousefornitpure terminal
Enter configuration commands, one per line. End with CMTL/Z.
Rouser(configuration commands)
Rouser(configuration)
Rouser(configuration)
Rouser(configuration)
Rouser(configuration)
Rouser(configuration)
Rouser(configuration)
Rouser(configuration)
 Router(config-if) # %LINK-5-CHANGED: Interface Serial2/0, changed state to up
 Router(config-if) #exit
Router(config) #
%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up
  Router(config) #interface Se3/0
Router(config-if) #ip address 30.0.0.1 255.0.0.0
Router(config-if) #no shutdown
 ALINK-5-CHANGED: Interface Serial3/0, changed state to down
Router(config-if)*exit
Router(config)*
     LINEPROTO-5-UPDOWN: Line protocol on Interface Serial3/0, changed state to up
 Router(config) #exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
     outerfahow ip route
Odes) C - connected, 2 - static, 1 - 1085, R - STD, H - smbolts, B - BDF
Odes) C - connected, 2 - static, 1 - 1085, R - STD, H - smbolts, B - BDF
Odes) C - Connected, 2 - static, 1 - 1087, Tal. - OUTF Inter several type 2
EL - COFF external type 1, E2 - COFF external type 2, F - ToP

1 - 151-5, L - 151-5] sevel-1, L - 2 - 15-5] sevel-1, L a - 15-13 inter area

- candidate default, D - per-user static route, 0 - COR

- periode developed static coute
      teway of last resort is not set
C 20.0.0.0/8 is directly connected, Serial2/0
C 30.0.0.0/8 is directly connected, Serial3/0
  Ctrl+F6 to exit CLI focus
                                                                                                                                                                                                                                                                                                                                                                                                                        Copy Paste
```

