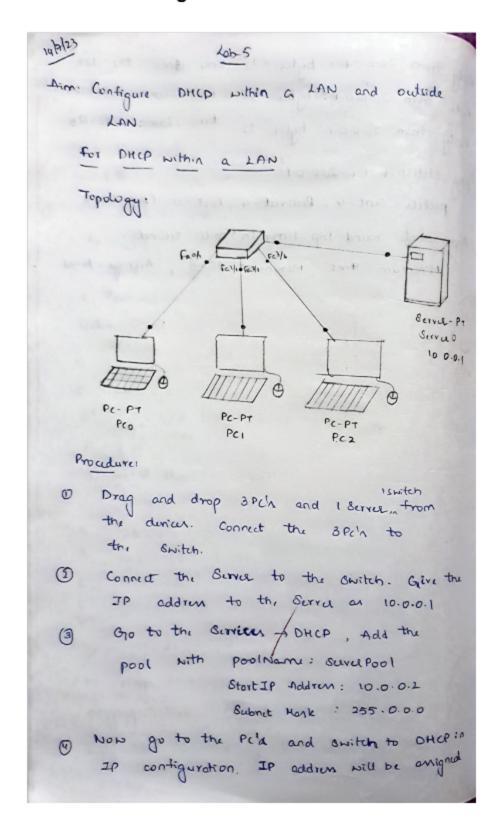
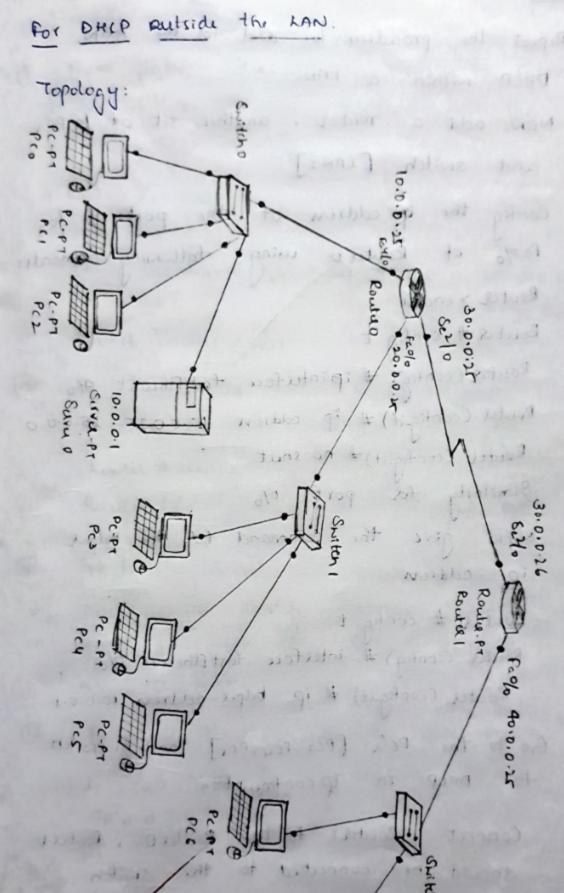
PROGRAM -4
Configure DHCP within a LAN and outside LAN



to the Pc'n [Pco, Pci, Pc2]



Procedure:

- O Repect the procedure we did for the LAN.

 DHEP within a LAN.
- @ Now, add a router, another set of le Pc', and switch [LAN2]
- Config the ip address of the ports faylo,
 faglo of Router o using following commands:

 Router > enable

 Router (config) # ip interface fart fthunet 4/0

 Router (config.if) # ip address 10.0.0.25 15.0.0.0

 Router (config.if) # no shut

 Similarly for port 0/0
- (9) NOW give the command too the helper

Router # config t

Router (config) # interface fort Ethernet 0/0

Router (config.it) # ip halper-address 10.0.0.1

- (3) Go to the PC's [PC3, PCi, PCs] and g. switch to DHEP in ipcontiguration.
 - 6 Connect Routers to the Pouter o . Pouters and 2 Pc/A.
 - @ Contig the ipeddren of Routers with for

- (8) Config the ipaddren of Routero of Serid 2/0 with ipaddren 30.0.0.25
 - Now perform the state routing to connect network 40 to the Routero with the following commands:

Router > enable

Route # config t

Route (confeg) # 1p voult 40.0.0.0 255-0.0.0 80.0.06

Routel (config) # exit

- Do the Similar with Router 1 with.

 default of static routing

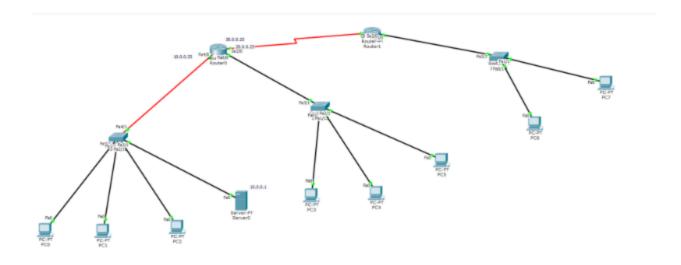
 Router # config t

 Router # (config) # ip route 0.0.0.0 0.0.0.0

 30.0.0.25
 - pool with starting address 20.0.0.2 & 40.0.0.2 Give the Default Gateway as 10.0.0.25.
 - provided with the ipaddren 40.0.0.2,

 40.0.0.3. using DHCP.

100



OUTPUT

