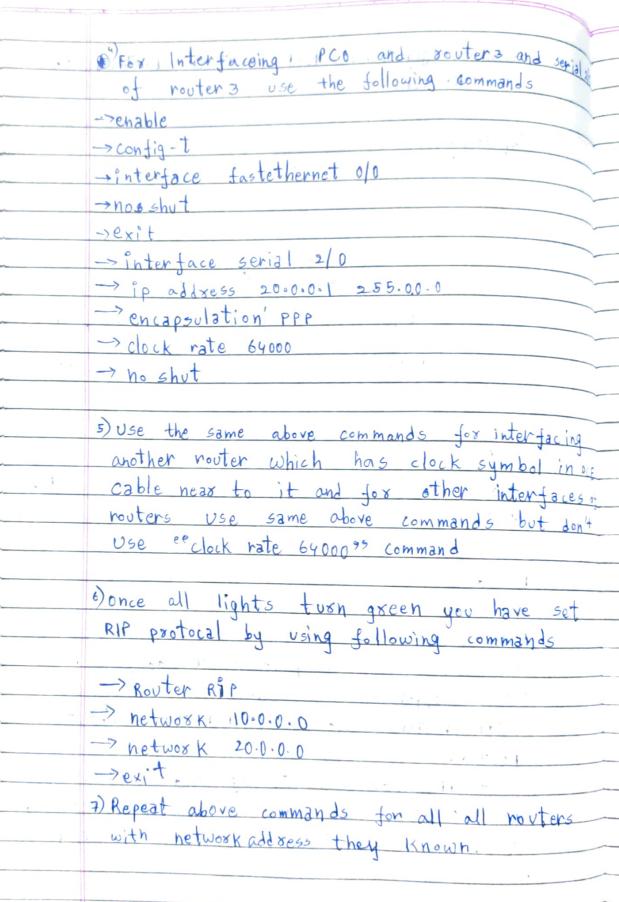


Aim: Configuring RIP Rolling Protocol in
Routers
Rootay
Topology:
20-0-0-2
5e. 20 SK 30.0.0.
Router 1 5e 3/0 30.0.0.2  Router 3 5e 3/0 Router 3
10.0.0.10 = 5e 40 20-0.0.1
Fa 0/0/ Rovter3 40=0.0.10 Fa 0/0
1
↓ Fa0
fa 0
PC1
10.0.0.4
to the second se
0 1 70 *
Proceduse:
. Place 3 Generic - routers, 2 Generic - PC35 and place
notes to indicate respective IP addresses.
2) Use copper cross over cable 1 to connect PC's
with routers and serial DCE to - connect
router's
3) Set IP address, gateway and subnet mask
as 10.0.0.1, 10.0.0.10, 255.0.0.0 fox: PCO and
40.0.0.1, 40.0.0.10 and -255.0.0.0 for PCI
40.0.0.19 40.0 0.10 0.10 - 22.1030.0 101







Observation
learning Outcome:
-> Insted of using static is routing for all
routers by using RIP protocal routing becomes
casy when large number of routers are
present
Result: ping 40.0.0.10
pinging 40.0.0.10 with 32 bytes of data:
Reply from 40.0.0.10: bytes = 32 time = 14 ms TTL= 125
Reply from 40.0.0.1: bytes = 32 time = 2 ms TTL=05
Reply from 40.0.0.1: bytes = 32 time = 14 ms TTL=65
Reply from 40.0.0.1: bytes = 32 time = 12ms TTL=125
Ping statistics for 40.0.0.1:
Packets: sent = 4 g Received = 4 g Lost = 0 (0% Loss)
Approximate round trip times in milli-seconds:
Minimum = 2ms, Maximum = 14ms, Average = 10ms