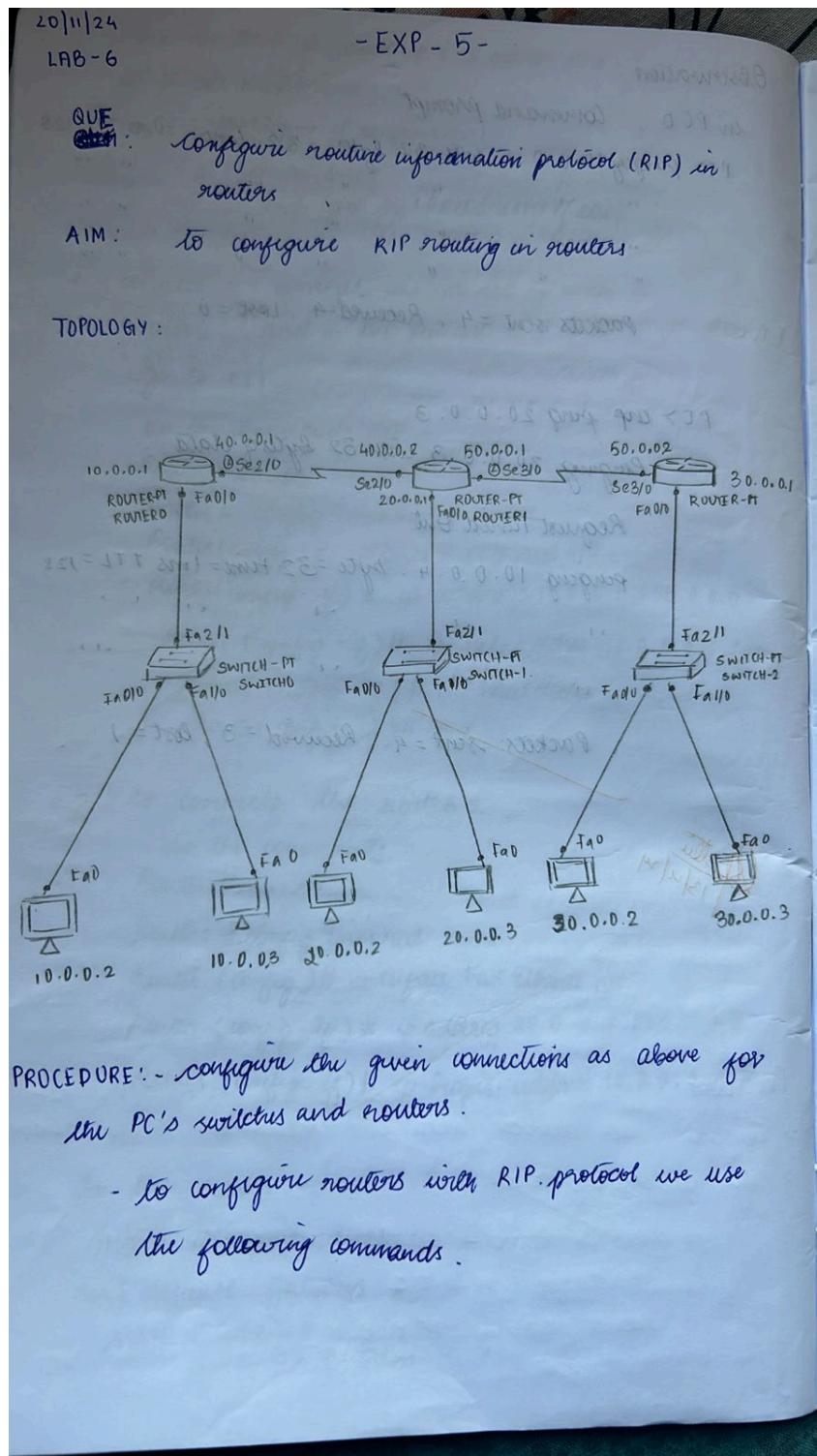


EXP-5

OBSERVATION



in Router 0's CLI

8-9XE Show ip route

Router> enable

Router# config terminal

Router (config)# router rip

Router (config-router)# network 10.0.0.0

Router (config-router)# network 40.0.0.0

Router (config-router)# exit

OSI layers 1 2 3 4 5 6 7 IP Layer 3 Layer 2 Layer 1

in Router 1's CLI

Router (config)# router rip

Router (config-router)# network 40.0.0.0

Router (config-router)# network 50.0.0.0

Router (config-router)# network 20.0.0.0

Router (config-router)# exit

in Router 2's CLI

Router (config)# router rip

Router (config-router)# network 50.0.0.0

Router (config-router)# network 30.0.0.0

Router (config-router)# exit

OUTPUT:

in command prompt of PC0

ping > 30.0.0.3

Request from Juniper

Reply from 30.0.0.3 bytes = 32 time = 12 ms TTL = 125

"

"

"

Packets sent = 4, Received = 4, loss = 0 (0% loss)

for show ip route
of Router 0

gateway of last resort not set

C 10.0.0.0/8 is directly connected, FastEthernet0/0

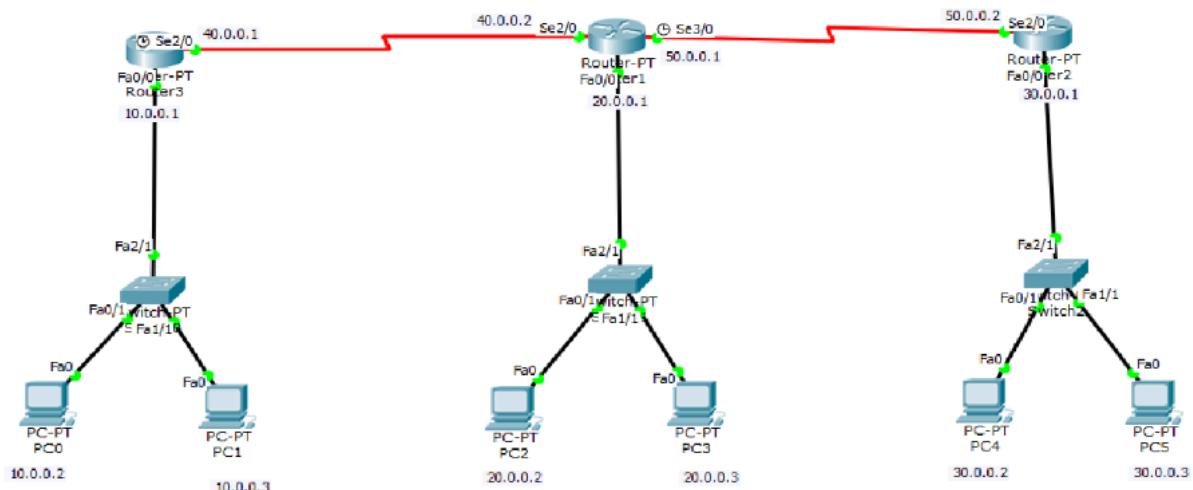
S 20.0.0.0/8 [1/0] via 30.0.0.2

R 30.0.0.0/8 [120/2] via 40.0.0.2, 00:00:10, Serial2/0

C 40.0.0.0/8 is directly connected, Serial2/0

R 50.0.0.0/8 [120/1] via 40.0.0.2 0:00:10, Serial2/0

TOPOLOGY



OUTPUT

