## **LAB WEEK 7**

## To configure RIP routing protocol in Routers.

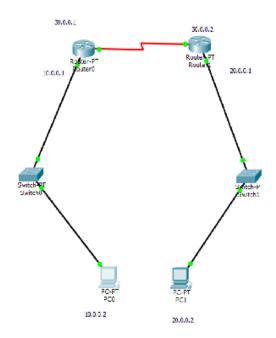


Figure 1: Topology

```
Decket Trace: DC Command Line 1.0
CC-ping 10.0.0.1 with 32 bytes of data:

Reply from 10.0.0.1: bytes=21 time=0ms TIL=200
Coply from 10.0.0.1: bytes=22 time=0ms TIL=200
Coply from 10.0.0.1: bytes=23 time=0ms TIL=200
Coply from 10.0.0.1: bytes=23 time=0ms TIL=200
Copling S10.0.0.1:
Compared social not find boot 310.0.0.1: Fleate check the name and try again
Coply from 30.0.0.1: bytes=23 time=0ms TIL=200
Coply from 30.0.0.1: bytes=20 time=0ms TIL=200
Coply from 30.0.0.1: bytes=20 time=0ms TIL=200
Coply from 30.0.0.1: bytes=20 time=0ms TIL=200
Coply from 30.0.0.2: bytes=20 time=0ms TIL=200
Coply from 30.0.0.2: bytes=20 time=1ms TIL=200
Coply from 30.0.0.1: bytes=30 time=1ms TIL
```

Figure 2: Output

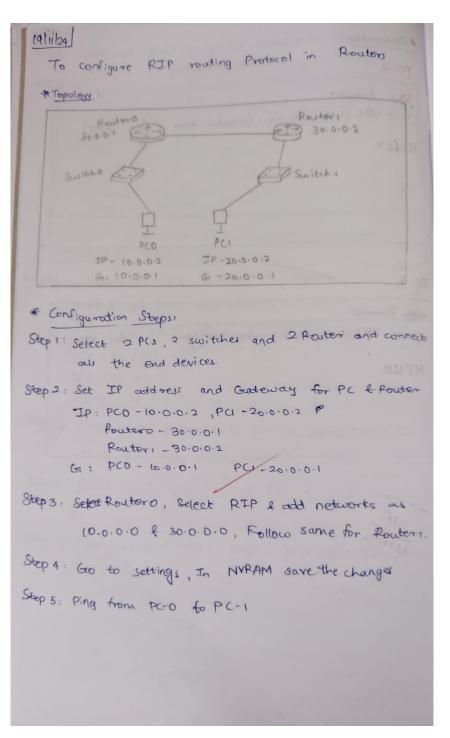


Figure 3: Observation Book 1

Figure 4: Observation Book 2

Pc7ping 30.0.0.1 pinging 30.0.0.1 with 32 bytes of data. Reply from 30.0.0.1: bytes = 32, time=ons, TTL=255 ping statistics for 30.0.01: Packets: sent=4, Received = 4, Lost=0 (07. Loss) Approximate round trip times in milli-seconds: Minimum = oms, Maximum = 2ms, Avorage = oms

Figure 5: Observation Book 3

## To configure RIP routing protocol in Routers using 3 routers

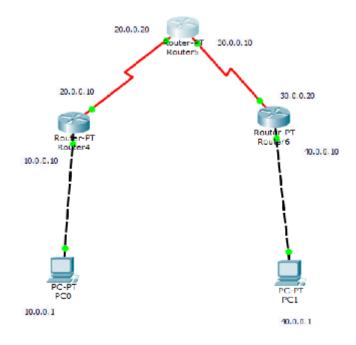


Figure 6: Topology

```
Pinging 40.0.0.1 with 33 bytes of data:

Reply from 40.0.0.1: bytes=32 time=4ms TTL=125
Reply from 40.0.0.1: bytes=32 time=5ms TTL=125
Reply from 40.0.0.1: bytes=32 time=6ms TTL=125
Reply from 40.0.0.1: bytes=32 time=6ms TTL=125
Reply from 40.0.0.1: bytes=32 time=7ms TTL=125
Reply from 40.0.0.1: bytes=32 time=7ms TTL=125
Ping statistics for 40.0.0.1:
Parkets: Sent = 4, Received = 4, Lost = 0 (US Loss),
Approximate round trip times in milli-seconds:
Minimum = 4ms, Maximum = 7ms, Average = 5ms
```

Figure 7: Output