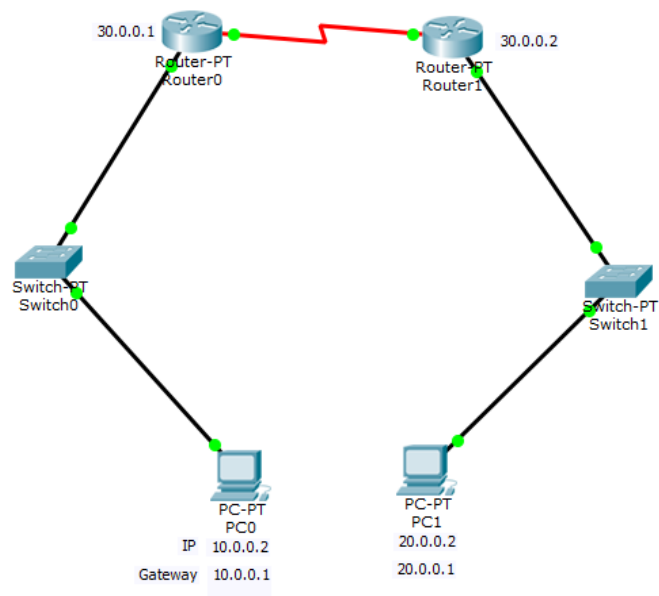


Lab-06- To configure RIP routing protocol in Router.

Topology:



Output:

```
PC>ping 20.0.0.2

Pinging 20.0.0.2 with 32 bytes of data:

Reply from 20.0.0.2: bytes=32 time=4ms TTL=126
Reply from 20.0.0.2: bytes=32 time=18ms TTL=126
Reply from 20.0.0.2: bytes=32 time=1ms TTL=126
Reply from 20.0.0.2: bytes=32 time=4ms TTL=126

Ping statistics for 20.0.0.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 18ms, Average = 6ms

PC>ping 30.0.0.2

Pinging 30.0.0.2 with 32 bytes of data:

Reply from 30.0.0.2: bytes=32 time=1ms TTL=254
Reply from 30.0.0.2: bytes=32 time=5ms TTL=254
Reply from 30.0.0.2: bytes=32 time=4ms TTL=254
Reply from 30.0.0.2: bytes=32 time=3ms TTL=254

Ping statistics for 30.0.0.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 5ms, Average = 3ms

PC>ping 30.0.0.1

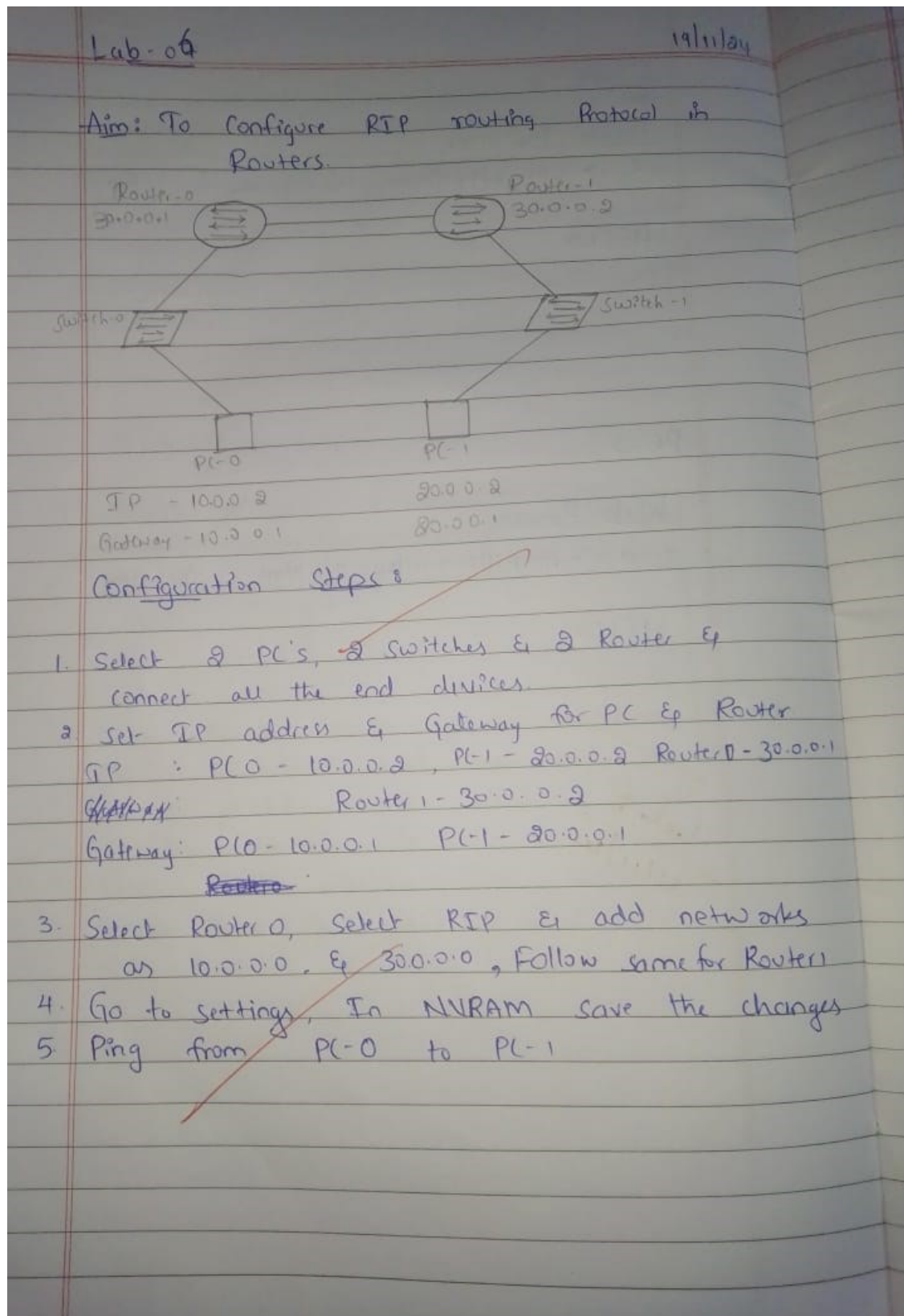
Pinging 30.0.0.1 with 32 bytes of data:

Reply from 30.0.0.1: bytes=32 time=0ms TTL=255
Reply from 30.0.0.1: bytes=32 time=2ms TTL=255
Reply from 30.0.0.1: bytes=32 time=0ms TTL=255
Reply from 30.0.0.1: bytes=32 time=0ms TTL=255

Ping statistics for 30.0.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 2ms, Average = 0ms

PC>
```

Observation:



Observation:

PC> Ping 20.0.0.2

pinging 20.0.0.2 with 32 bytes of data:

Reply from 20.0.0.2: bytes=32 time=4ms TTL=126

_____ 18ms _____
_____ 1ms _____
_____ 4ms _____

ping statistics for 20.0.0.2:

Packets: Sent=4, Received=4, Lost=0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum=1ms, Maximum=18ms, Average=6ms

PC> ping 30.0.0.2

pinging ~~30.0.0.2~~ with 32 bytes of data:

Reply from 30.0.0.2: bytes=32 time=1ms TTL=254

_____ 5ms _____
_____ 4ms _____
_____ 3ms _____

ping statistics for 30.0.0.2:

Packets: Sent=4, Received=4, Lost=0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum=1ms, Maximum=5ms, Average=3ms

PC> ping 30.0.0.1

pinging ~~30.0.0.1~~ with 32 bytes of data:

Reply from 30.0.0.1: bytes=32 time=0ms TTL=255

_____ 2ms _____

Reply from 30.0.0.1 : bytes=32 time=0ms TTL=255

ping statistics for 30.0.0.1:

Packets: Sent=4, Received=4, Lost=0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum=0ms, Maximum=2ms, Average=0ms

~~loc.R~~
~~19/1/20~~