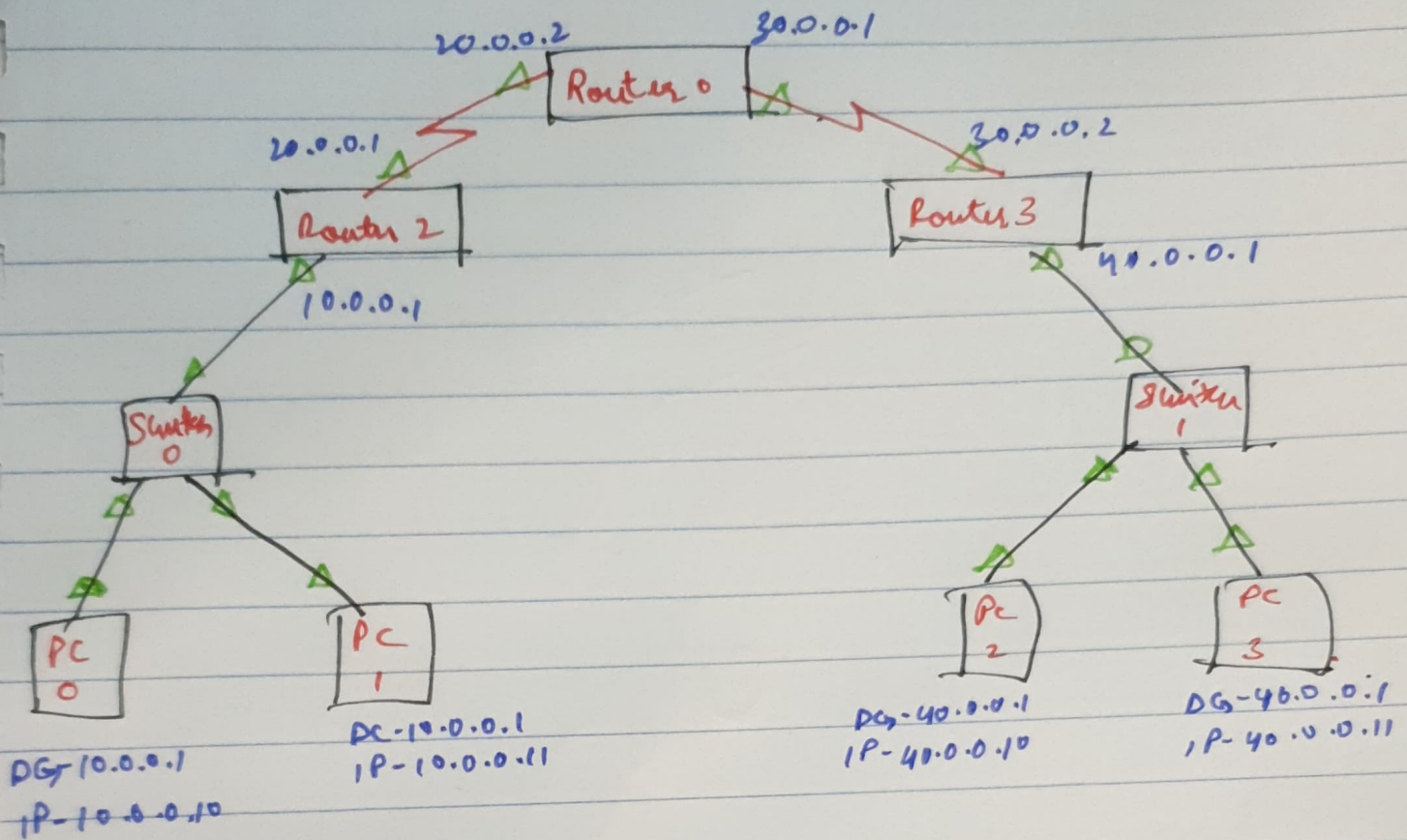


Name - Mimiid Sajal .
 USN - IBM18CS063 .
 Date - 15/10/20 .

CN-Lab-4



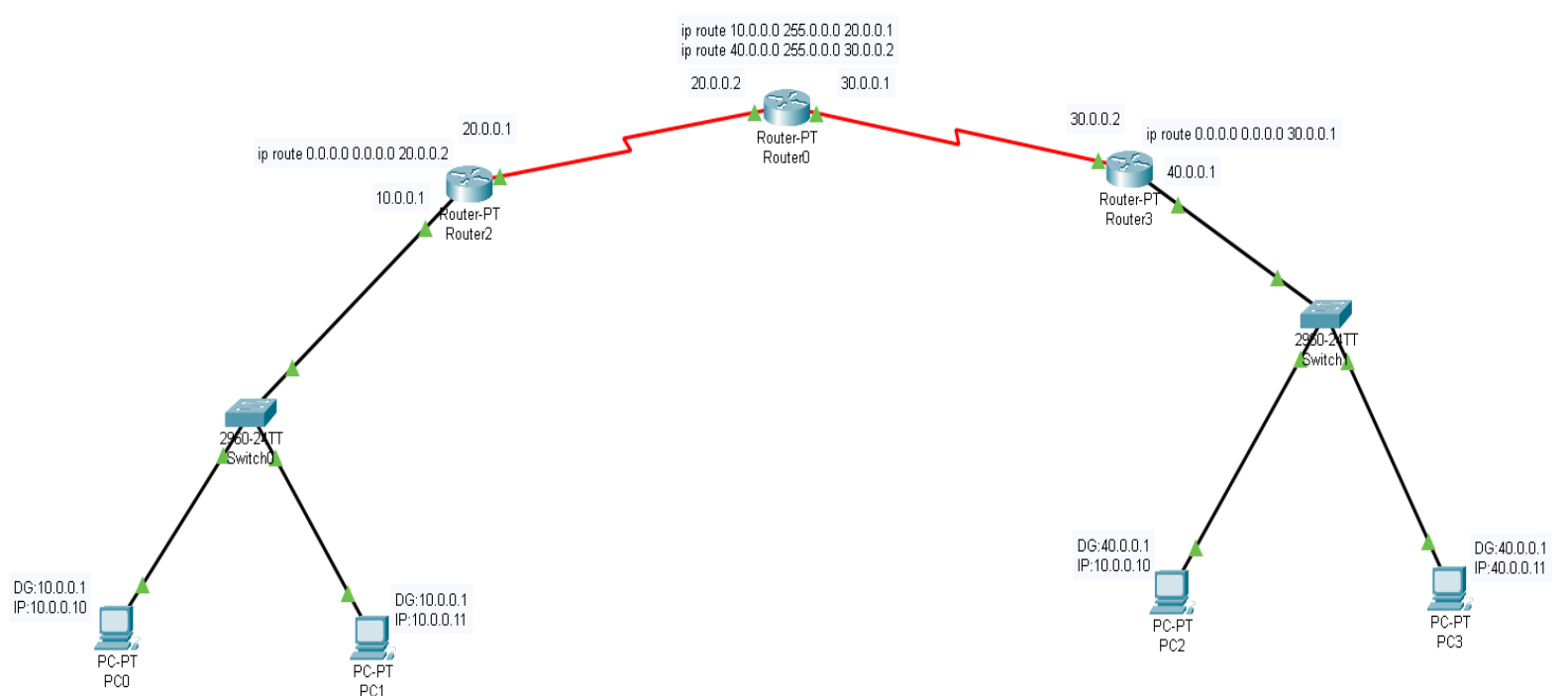
Observations .

- Each router knows only about its immediate neighboring signals .
- We made R0 aware about signals 10.0.0.0 & 40.0.0.0 .
- R2 & R3 was made to let any signal go through them to the destination signal .

CMDS in CUI.

```
ip route 10.0.0.0 255.0.0.0 20.0.0.1 } [For R0]
ip route 40.0.0.0 255.0.0.0 30.0.0.2 }
ip route 0.0.0.0 0.0.0.0 20.0.0.2 [For R2]
ip route 0.0.0.0 0.0.0.0 30.0.0.1 [For R3] .
```

[Signature]



```
Physical Config Desktop Programming Attributes

Command Prompt

Packet Tracer PC Command Line 1.0
C:\>ping 10.0.0.10

Pinging 10.0.0.10 with 32 bytes of data:

Reply from 10.0.0.10: bytes=32 time=2ms TTL=125
Reply from 10.0.0.10: bytes=32 time=2ms TTL=125
Reply from 10.0.0.10: bytes=32 time=11ms TTL=125
Reply from 10.0.0.10: bytes=32 time=12ms TTL=125

Ping statistics for 10.0.0.10:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 12ms, Average = 6ms

C:\>ping 10.0.0.11

Pinging 10.0.0.11 with 32 bytes of data:

Reply from 10.0.0.11: bytes=32 time=12ms TTL=125
Reply from 10.0.0.11: bytes=32 time=2ms TTL=125
Reply from 10.0.0.11: bytes=32 time=2ms TTL=125
Reply from 10.0.0.11: bytes=32 time=2ms TTL=125

Ping statistics for 10.0.0.11:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 12ms, Average = 4ms

C:\>
```