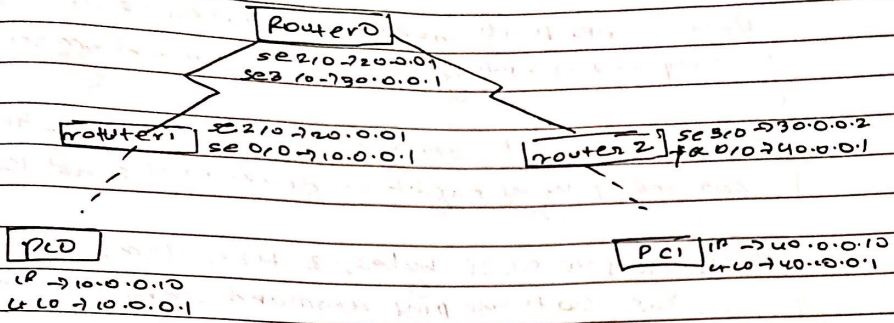


CAB : 3:



Observation:

- > each router knows only about its immediate neighbouring signals
- > it doesn't know anything beyond that.
- > R1 knows about 10.0.0.0 by 20.0.0.0
- > R2 knows about 30.0.0.0 by 40.0.0.0
- > R0 knows about 20.0.0.0 by 30.0.0.0
- > To know about former signal, it should go beyond its endpoints

Command in C4 (for Router 2)

Router2 enable

Router # config terminal

Router (config) # ip route 20.0.0.0 255.0.0.0 30.0.0.0

Router (config) # ip route 10.0.0.0 255.0.0.0 30.0.0.0

Router (config) # exit

Router # show ip route

Destination that unreachable: means that your computer is not getting an IP address from router.

Request timed out: Error message means the host we are pinging might be down or it's not known.

Reply from 40.0.0.10: bytes=32 time=16ms TTL=123 means that the ping command from 10.0.0.10 to 40.0.0.10 is successful.