

### Expt : 3 . Configure default route to the router.

⇒ Router # show ip route

It will show only direct connection, & we indirectly connect all the devices by using, ip route dest network / destination network subnet mask / Next Hop address.

After pinging we got output as

⇒ Destination host unreachable : When we send packets to a network that is not connected to our router or router has no information about that router.

⇒ Every interface to . Reply received.

⇒ Request timed out.

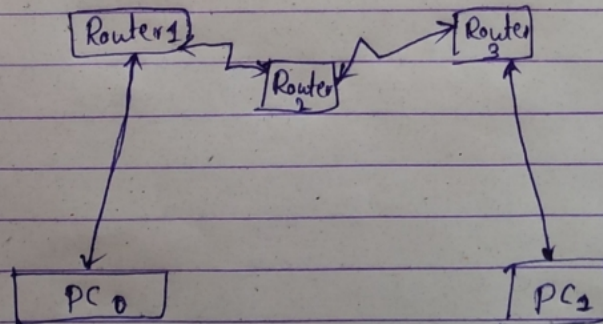
#### Outcome

⇒ Statistically add others networks to the router

⇒ Every interface have a unique IP addresses

⇒ Each router knows only about its immediate neighbouring signals. It doesn't know anything beyond that.

⇒ To know about further signals, the router should go beyond its end points.



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