Three router topology - Configuration, IP outer and pinging

Observations:-

First when we connect PCs to router we see that the link is down and no message can be sent.

After configuring PC with default gateway and IP address we can configure the router.

We configure the routers accordingly using CLI, after configuring all the required interfaces we see all the links are up.

if we send a ping message from PC0 to P1 we see that we get an error saying destination unreachable.

This means that we should add all the existing routers to routing table of all the routers that come in b/w the two PCs

We can check which all networks were connected using "show ip route" command and then add the missing.

Then we can use the command prompt of any of the connected PCs to send a ping request to any other PCs connected to the router we also see that sometime the request time out, but we eventually get the confirmation that the device responded.