Lab6 - CN

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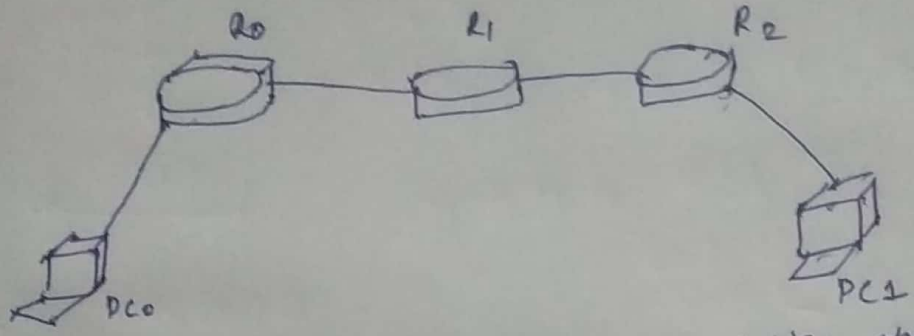
Configuring RIP Routing protocol in Routers

Observations.

* A topology was created using 3 routers and two PC's as shown fig.



* Router interfaces were configured using the commands: ip address address subnet mask
* Encapsulation PPP and clock rates were specified as required.
* RIP routing protocol was configured using the command: router rip v
* The command show ip route shows the ip routes configured
* Pinging PC1 from PC0 gives the required outputs.

Learning outcomes.

* Creating a topology with three routers connected via serial DCE connections and 2 PC's.
* configuring router interfaces using encapsulation PPP and clock rate as required.
* configuring RIP routing protocol in routers
* Routing Information Protocol (RIP) is a dynamic routing protocol which uses hop count as a routing metric to find the best path b/w source and the destination network.
* on proper configuration of rip routing protocols in routers, pinging gives required response