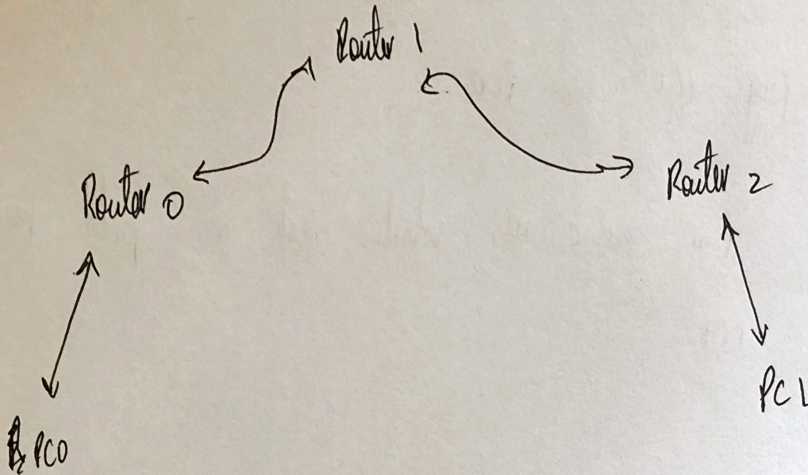


Q.] Configuring RIP routing protocol in Router.

Ans.]

\* Topology :-



\* Set gateway & IP address to each device & router.

\* Configure :

```
R0 (config) # router rip
R0 (config-router) # network 10.0.0.0
R0 (config-router) # network 20.0.0.0
R0 (config-router) # exit

R0 (config) # interface serial 2/0
R0 (config) # encapsulation PPP
R0 (config) # clock rate 64000 # end
```



\* with networks as 20.0.0.0 & 30.0.0.0 for router 1

\* with network as 30.0.0.0 & 40.0.0.0 for router 2

\* Once the configuration is done, the packet is ready to send.

i.e., ping PC1 from PC0

ping 10.0.0.10 which sends a packet from PC0 to PC1