Aim :- To configure routers using rip protocal

Circuit :-

Router-PT
Router 1

Router-PT
Router 0

Router-PT
Router 2

PC-PT
PC0

PC-PT
PC1
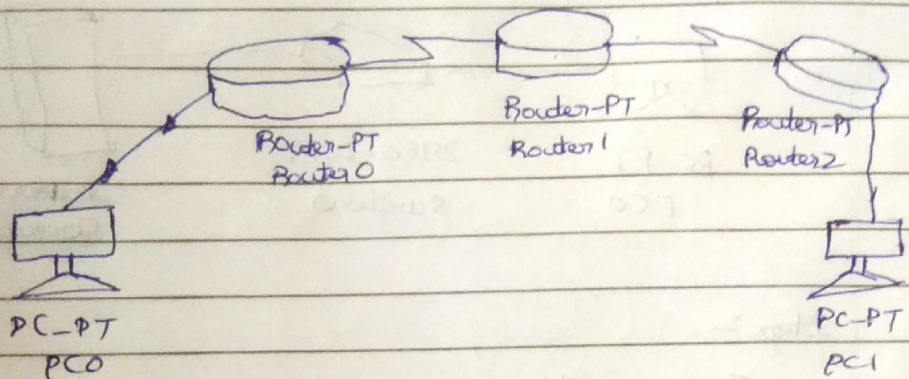
Steps :-

To configure RIP protocol
click on router 1 → enable → config terminal
router rip
network 10.0.0.0
network 20.0.0.0
exit
For router 2
same commands
except
network 20.0.0.0
network 30.0.0.0
For router 3
network 30.0.0.0
network 40.0.0.0
To check if router is collecting routing info
command :- show ip route

learnings :-

RIP - routing information protocol

we use RIP to config routers

It is a distance vector routing protocol which knows only neighbours. It doesn't know entire topology

It doesn't support clasless network (CIDR). It sends routing table to neighbour

PPP - point to point protocol. for serial clock connections

encapsulation ppp for serial interfaces only

clock rate only for clock interfaces

To ~~config~~