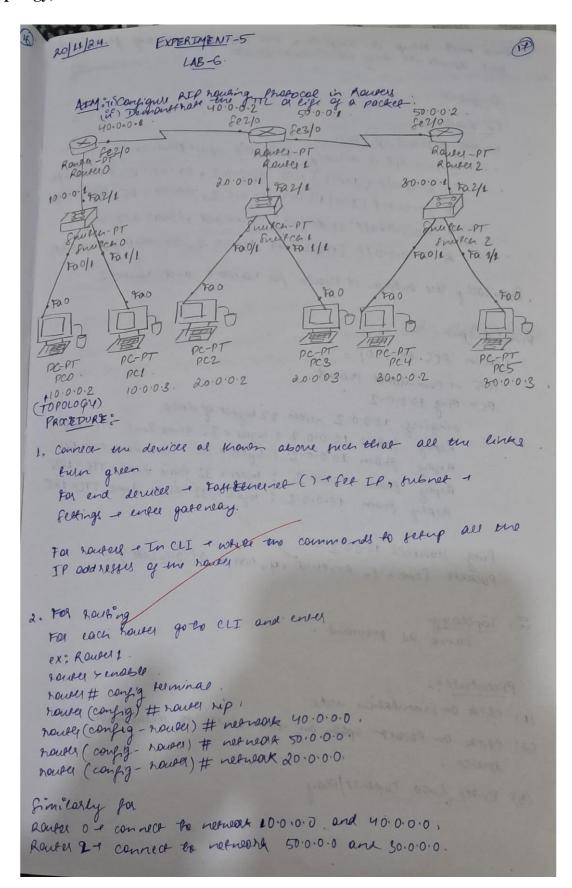
Program 6

- Aim: (I) Configure RIP routing Protocol in Routers.
 - (II) Demonstrate the TTL/ Life of a Packet.

Topology, Procedure and Observation:



3. Once unit telup ix complete, nee can en message from one device so any other end device,

Output :-

C 10.0.0/8 is directly connected, fartitherner of o In Rover o race # than ip have C 20.0.0/8 [120/1] mia 40.0.0.2, 00:00: 15, ferial ay R 30.0.0/8 [120/1] ma 40.0.0.2, 00:00 : 15, feraig c 40.0.0.0/8 & divory connected, ferral 2/0

R 50.000/8 [120/1] ma 10.00.2, 00:00:15, ferales

Sinversely un empre is thown for nower 1 and nower 2

Ring Output

(grow PCC to PCO).

PC5 - command prompt

PC> Bing 10.0.0.2

pringring 10.0.0.2 reven 32 bytes of data Reply from 10.0.0.2 : bylle = 32 time 2ml TTL=125 gram 20.0.0.2: bytes = 32 line 2ms til= 125 Reply Arm 10.0.0.2 : byter = 32 time 2 ml TTL = 125 Appey from 10.0.0.2: bytes = 32 time 2 ms TTL= 125

Ping stanistice 10.0.0.2 Packets fine 249 Recieved 249 host 20 (0% Loss)

(ii) Topology. Samo as previous -

Procedule:

- (1) click on finulation node
- (2) Click on Packet option on une derice.
- (3) Enser Auso capture/play

Demosperate a FIL of life of a passaget (4) We can see one pocked movement from the source to destination and even ack noncedgement for back to the force (5) At each paint, nee can click on the packet and wens we OSI model, Inbourd por derails, authound por derails. (1) We can absence mat the TTL traves neiter 255 and gradually as we packet is being transferred, en TTL reduces finally to 125. (2) At me und, TTL reduces to 225. (3) In one simulación a panel, under event list, diching cino, nel can tel neliere une packer neas.

Screen Shots:

