Date 8, 12, 22 Experiment 5: Aim: Configuring RIP acuting polocol in Rower Topology: 50.0.0.1 Se<sup>2</sup>/0 Se<sup>2</sup>/0 Sc<sub>2</sub>/0 Se2/0 (40.0.0.10 0.0.0.10 TPLO 10.0.0.1 Procedure: -> Place 2 PC's and 3 aouters in the dogical workspace -> Connect 3 souters veing serial DCE cable -> Connect both PC's PCO to deolego and PCI to souter 2 ming copper coore over cable -> Contig boths the PC's by setting their IP addresses and gareways and subnet mask. -> Serial connections is used for wan and serial DCE is used to connect the south and the sender side has a clock and the recieves is by default set DCE - Data terminal carrier equipment.

to DTE: Data Terminal equipment. DCE. which (Rower D) # interface season 2/0
# ip address 20.0.0.1 255.0.0.0
# uncapsulation PPP # Block sale 64000 -> Clock rate is given only to a single Rower because the clock rate is set by the sender rower. So while configuring the souter I we don't give clock sate for configuring serial 2/0 of souter I.

The sust of the rollers use configured using the commands about and charging the appropriate it address Now to configure the dynamic nowing we use RIP sub-panel and type the commands for & contiguing # aouter aip # network 10.0.0.0 # network 20.0.0.0 aires the hower the ability to learn the puth on its own.

The puth on its own.

The formation protocol while the puth on its own.

The puth on its own.

The puth on its own.

-> Ping the computer to check tox errors. The property of the property and the Result: Ding 40.0.0.1 pinging 40.0.0.1 with 32 bytes of data suply trom 40.0.0.1 byte=32 time=10ms

suply trom 40.0.0.1 byte=32 time=15ms

suply trom 40.0.0.1 byte=32 time=23 ms time = 10 mx TTL=121 suply from 40.0.4 byte=32 ping statistics too 40.0.0.1.0.00.1

Packets; sent=4 seciend=4 lost=0 Observation: RIP is router information protocal which is a dynamic swowling protocol that uses hop. court to trind path between source and network. It is way better than state source liarns the part on its own rather than teaching the path to the rower. Egen serves - convice - 1977 - 1 H.

Londawe open. Click on the colle of the contests.