20-11-24	Experiment - 5
a) configure rou Router, toppe	ting information probel in
Aim: To configure routing information protocol turough routing tables.	
To pology:	B'
Sez (0 10.0.0.1 Rower PT Fao Pao Fao Fao Fao Foo Foo 10.0.0.3 def gareway. 10.0.0.1	Seelo Soio. 2 Sielo Soio. 2 Soio. 3 Soio. 2 Soio. 3 So

Topology Description. me nave 3 routers, 3 suitenes and 6-1 end deutces. Routers - 1p - 10.0.0.1 switch 1 -> Faol 1 -> PCD : 9p: 10.0.0.2 Fall1 - PC1: 97: 10.0.0.3 subnet: 255.0.0.0 gateway for PCO and PC1 es (2) Rouser 2 - 7 pl - 20.0.0.2 Swetch 2 -> Fa0/0 -> 20.0.0.1 Fa0/1 -> Pc2 - 2p: 20.0.0.2 subnet: 256.0.0:0 Fall1 -> PC3 -> 1p: 20.0.0.3 subnet: 261.0.0.0. gareway for pcz and pcz is 20.0.0.1 3 Router 3 -> Pp -> 30.0.012 Suntan3 -> Fao(0 -) 30.0.0.1 Fa012 -> PC4 -> 2p: 30.0.0,2 subnet: 285,0.0.0 Falls > Pes -> 2p: 30.0.0.3 Subnet: 1266,0,0,0 pet and Pes is 30.0.0. L gateway for Procedure: 1 connect the end deucces to the Suntaines through copper-straight-Through 1 connect the routers to the other routers turough serial DCE (3) Routers - Santenes [Lopper-straigle-Through

routers: -s configure are the Router 0: CLI Router> enable Router #> config terminal Power (tonger) # enterpace serial 2/0 Router (config-28) op address 40.0.0.1 255.0.0.0 Louder (config-ef) no shut Router (config-81) exit Router (config) Interface Fastetnernet 0/0 fonter (confid) de aggress 10.0.0.7 255.0.0.0 Router (config-2) no shut. Routor # exit 7 - 6 3 - 17 ---Router 1: Router> evadole Router #> config terminal Router (config) # enterface serial 2/0 Router (config) # ip address 40.0.0.1 200.00 Router (ongig-if) no shut Router (config -i)) exit Rower (conjig) #19nterface Se 310 Router (config) # 9,p address 50.0.0.d + 35 : 5tt.0.0.0 Router (config) # no shut. Router 2: Router (config) # quaerface Fa 010 Couter (config) # 9p address 30.0.0.1 255.0.0.0 pouter (config) # que esface & 260 Router (config) It op address 50.0.0.2 255.0.0.6

Routero: 2 out er (config) # router rip Router (conf.) # setwork 10.0.0.0 Router (config) # network 30.0.0.0. was side the war Rowter 1: Router (confed) # router top Router (config) # network 40.0.0.0 Router (config) # network 20.0.0.0 Router Lougig) # network 50.0.0.0 Louter 3: Router (config) # router rep Router (coupig) # network 30.0.0.0 Router (conjeg) # network 50.0.0.0 Test connecteur ty: pring 30.0.0.1 sent =4 loss =0. 100%. Observation: The routers communicate with each other, shore a common routing table.
Once RIP Ps installed/activated in router, Every router shares et's routerag protocal unte et's neighbours, Hence in iterations every router well know about are injo that their neighbours are connected to.

-> configure one route.