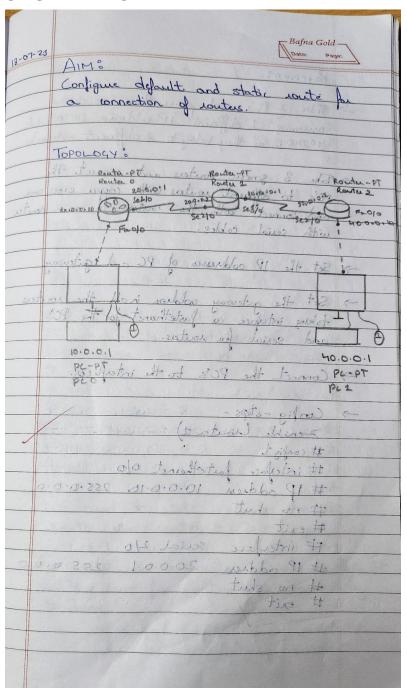
EXPERIMENT 3

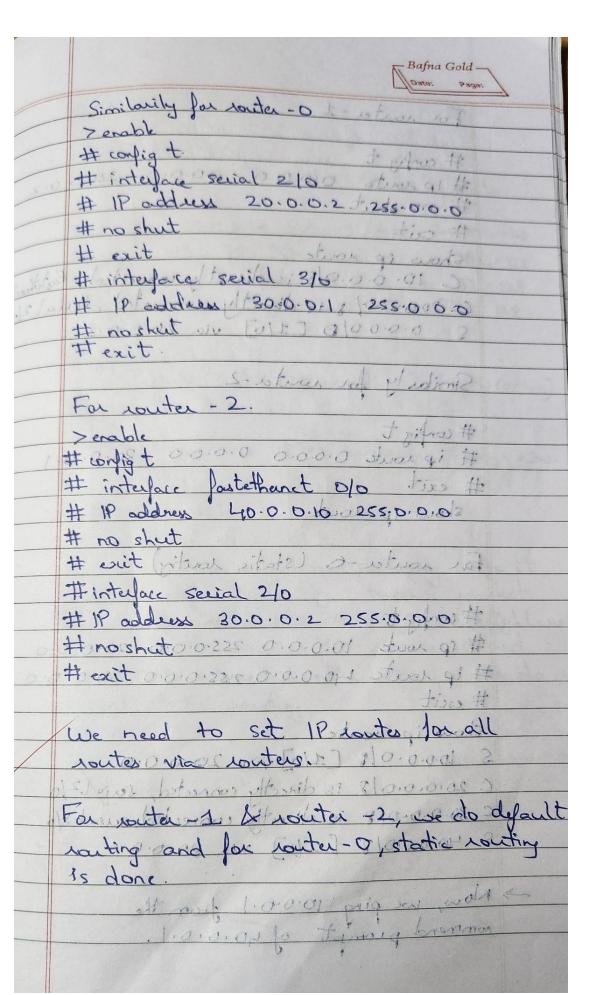
AIM:

Configure default route, static route to the Router.

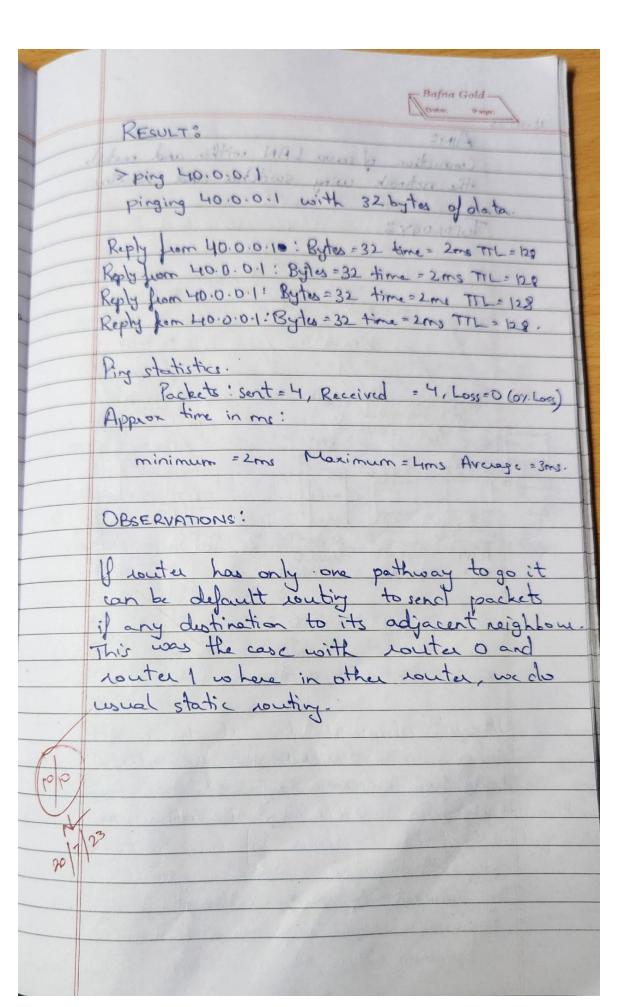
OBSERVATION:



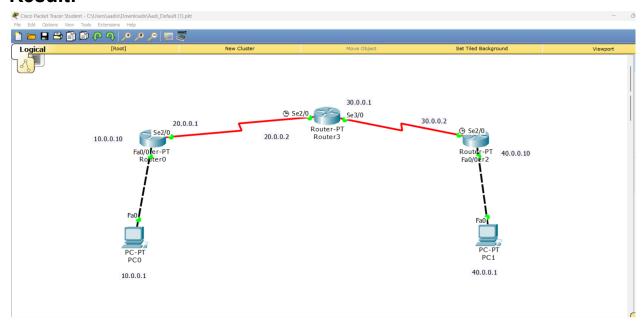
PROCEPURE: that's bas Hundok my Take 2 PC's and place them was shown, assuming 2 different 1P addresses (10.0.0.1) 40.0.0.1) as they belong to 2 different notesaks -> Take 3 generic routers and connect the PC's to diffuent routers with copper cross are and connect both the routers to main router with serial cables. > Set the IP addresses of PC and gateways. -> Set the gateway volders in all the routers taking interface as fastethankt for the PC's and serial for routers. -> Connect the PC's to the interfaces. -> Conlig -stops -> enable (nouta 1) # config t # interface fastethernet 0/0 # 1P address 10.0.0.10 255.0.0.0 # no shut # exit # interface serial 40 # 1P address 20.0.0.1 255.0.0.0 # no shut # exit



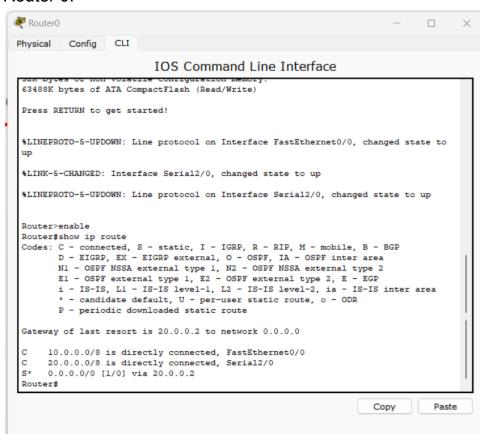
For router - 1 0 strat sof plication # config t # 1p route 0:0.0.0.0.0.0.0.6.1.2010.0.2 # no shut so o os with 91 # exit show ip route C 10. 0.0.018 is directly connected; fastallarity C 20:0.0.0/ 8/18 directly connected, serial 2/0 S 0.0.0.0/D [1/0] via 20.0.0.21 Similarly for router-2 # config t # ip route 0.0.0.0 0.0.0.0 + 30.0.0. # exit of Involution to show approached a of the worklos 91 # For router-o Estatic routing) ties It interface sessed 210 # config t-220 5.0.008 200 100 91 # # 1p route 10.0.0.0 255.0.000 2010.00 # ip route 40.0.0.0 255.0.0.0 30.0.0.0 # escit Show ipstantell to set book of S 100.0.0/8 [2/0] via 20.0.0.0 C 20.0.0.018 is directly corrected, suight 2/0 C 30-0.0.018 is objectly connected, swil 3/0 \$ 5 40.0.0.018 [1/0] via 30.0.0.0 command prompt of 40.0.0.1. snob 21



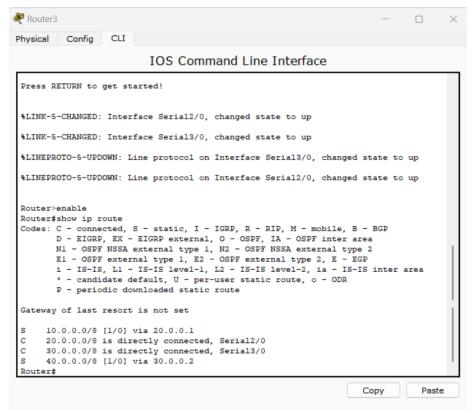
Result:



Router 0:



Router 1:



Router 2:

