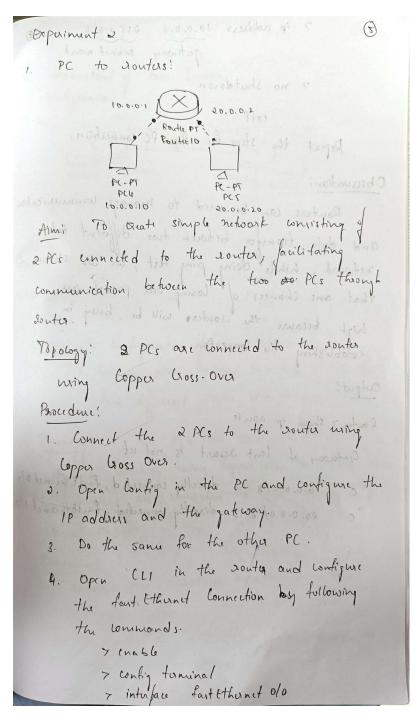
COMPUTER NETWORKS

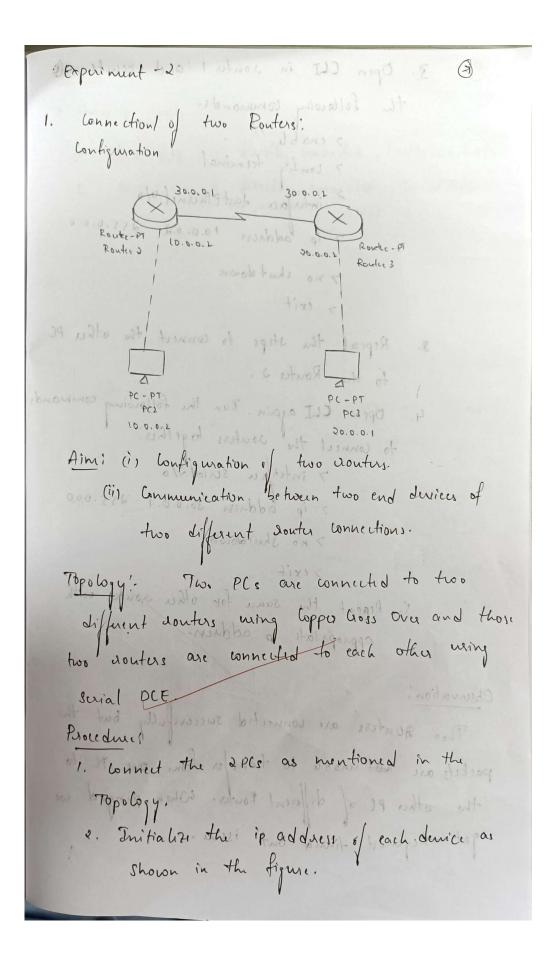
EXP-2

TITLE: Configure IP address to routers in packet tracer. Explore the following messages: ping responses, destination unreachable, request timed out, reply.



7 ip address 10.0.0.1 gatiway subnet mark 7 no shutdown Repeat the steps for other PC connection. Observationi Routers can be used to manage communication and data transfer between two different finte network. While doing ping test, we can observe that one chances of losing one packet are high because the donters will be busy in establishing the lonnection. Output! Router 7 show ip south

Catuoay of last assart is not set c 10.0.0.0/8 is directly connected, Fart Ethernet 0/0 c 20.000/8 is directly connected, fartethunet 1/0. fout Ethand Connection by tollowing



3. Open CLI in sonts I and execute & the following commands.

> enable

> config ferminal > interface fartethanetolo > ip address 10.0.0.2 255.0.0.0 7 no shutdown 7 exit.

\$. Repeat the steps to connect the other PC to the Route 2.

4. Open CLI again. Run the following command to connect the wouters to gether.

7 interface scrial 2/0
> ip addren 30.0.0.1 255.000

too douters

7 no Shutdown

out of bitinna exit.

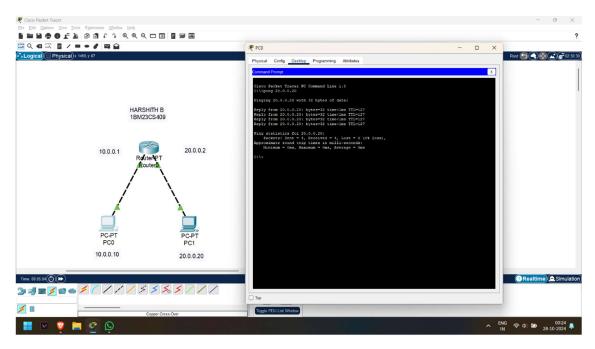
So Repeat the same for other youter with appropriate ip address.

Observation!

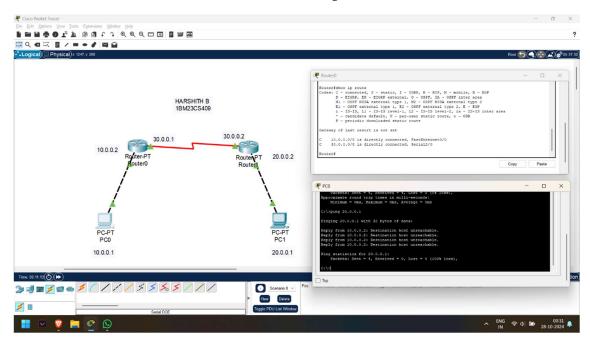
Two monters are connected succentrally but the packets are not unable to transfer from one PC to the other PC of different Rowter. When pinged we issue request timed out issue real of interest

18 Avening 31 output! 7 Show ip donte is directly connected, FastEthunet 018 C 10.0.0.0/8 C 30.0.0.0/1 is directly connected , script 2/0 Aim: Successful Fromsnovission of feeling from one Pl to other of different souters. Topology: Two PCs are convected to two different souters using copper hoss our and those two soutes are connected to each other ming social oce 1. After successful antiquation of the two souths. Open the of our houter and follows open the CLI of other south. 1 ip Sout 10.0.0,0 255.0.0.0 30.0.01

OUPUT SNAPSHOTS:



1. PCs to Routers Configuration



2. Routers Configuration