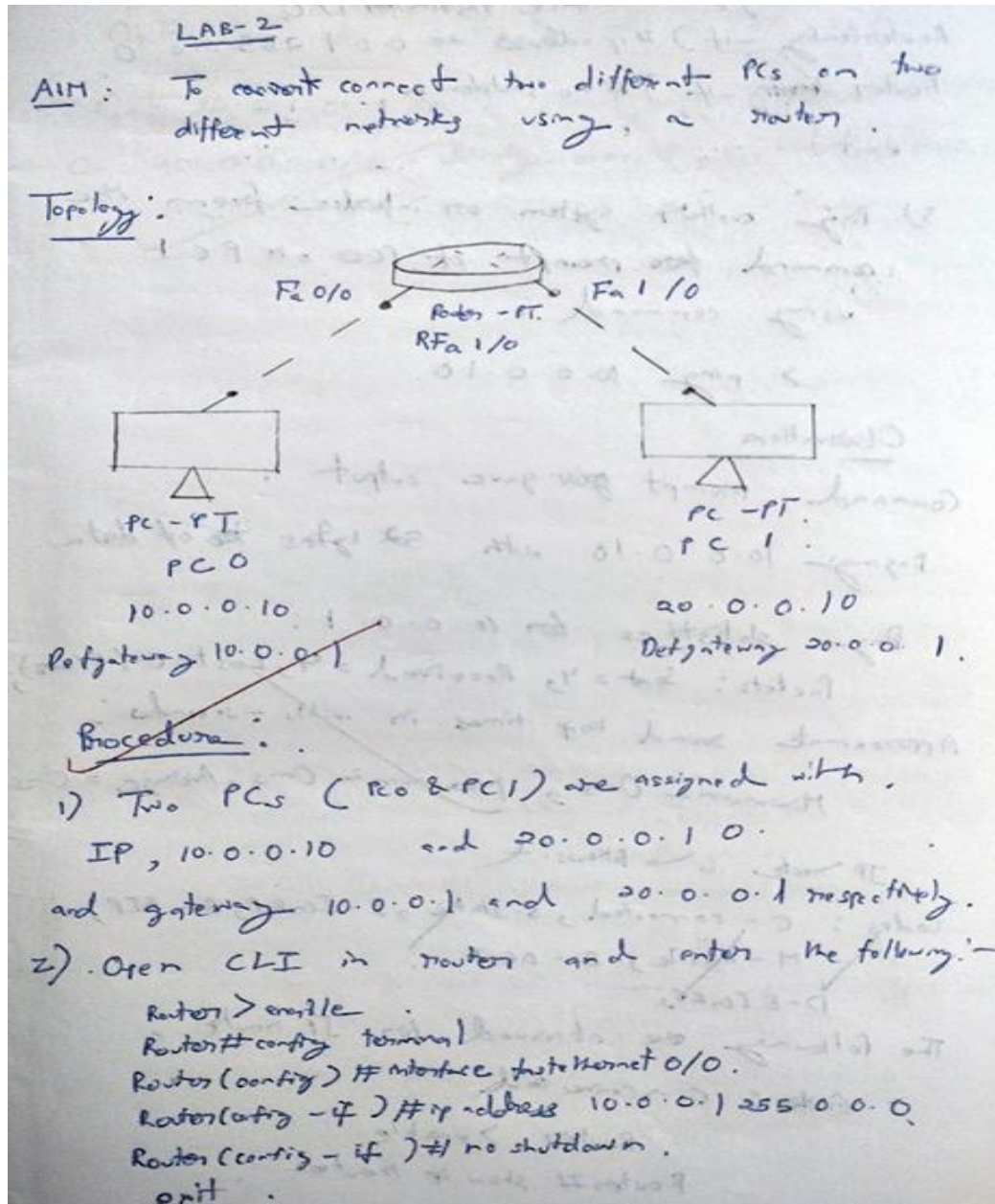


Program 2

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

Topology , Procedure and Observation:



Router(config) # interface fastEthernet 1/0
 Router(config-if) # ip address 20.0.0.1 255.0.0.0
 Router(config-if) # no shutdown
 exit.

3) Ping gateway system on interface from the command line prompt of PC0 or PC1 using command.

> ping 10.0.0.10.

Observation

Command prompt gave output.

Pinging 10.0.0.10 with 32 bytes of data.

1. Ping statistics for 10.0.0.1:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 0ms, Average = 0ms

IP route is a table.

Codes: C - connected, S - static, I - IGRP, R - RIP,
 M - mobile, B - BGP
 D - EIGRP

The following are observed for IP route.

Codes: C - connected

Router > enable

Router # show ip route

Codes: C - connected

Gateway of last resort is not set

C 10.0.0.0/8 is directly connected, FastEthernet0/0

C 20.0.0.0/8 is directly connected, FastEthernet 1/0

Screen Shots:

