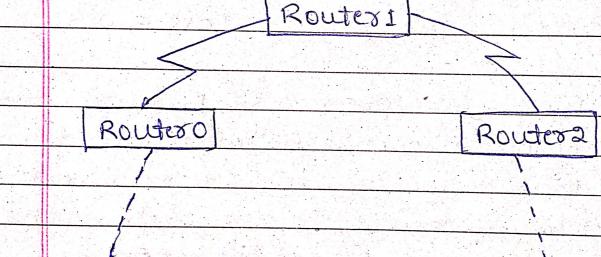
PC1

MD YASEEN AHMED 1BM19CS404.

01 Program No. 03: configuring défault Route to Router

- Topology:

PCo



Observation: pinging PCI from pco works unexpected.

and the second s	Page No. Date
Steps & 01	Three Routers & 2 PC's are connected
02	as shown in the topology above Pinging PCI from PCO shows destinat-
03	-ion host untrachable. Adding static router to router ving 'ip route < dest> < subnet mark> < next
The part of the pa	hop) in enable, config terminal mode
775	PCo 40 Routevi
	> enable
	# config lerminal (config)# interface FA 0/0
The state of the s	(config)# ip address 10.0.0.10 255.0.00 (confign)# no shut
	Initial ping:
	> ping 40.0.0.1
	pinging 40.0.0.1 with 32 bytes of data

H

	Reply from 10-0.0.10 Destination host
	un reachable.
	Request timed out
	ping statistics :
	packets & sent = 4, Received = 0
	Lost=4 (100%)
c	Adding static Routes
	Route0:
	Router (config) # ip route 30.0.0.0
	255.0.0.0 20.0.0.2 Router (config) # ip route 40.0.0.0
	255.0.0.0 20.0.0.2
	Router # show ip route

	Page No.
	C 10.0.0.0 8 is directly connected FE0/0 C 20.0.0.0/8 is directly connected SE0/0 S 30.0.0.0/8 [1/0] via 20.0:0.2 S 40.0.0.0/8 [1/0] via 20.0.0.2
	Now the pinging works as expected.
The state of the s	emd > ping 40.0.0.1
TOTAL DATE OF THE OTHER PARTY.	pinging 40.0.0.1 with 32 byter of data
D D D D D D D D D D D D D D D D D D D	Reply from 40.0.0.1: bytes=32 time=18mg TTL = 125
	$\frac{}{}$
	ping statistics for 40.0.001
	packets sent =4, received =4, Lost=0 (0%) Approx round trip time.
	Mn = 2m1, Max = 20mx, Avg = 10my