NAME : MANVI SHARMA USN: 1BM22CS149

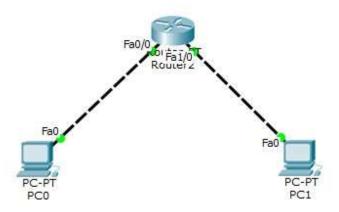
CN LAB 2

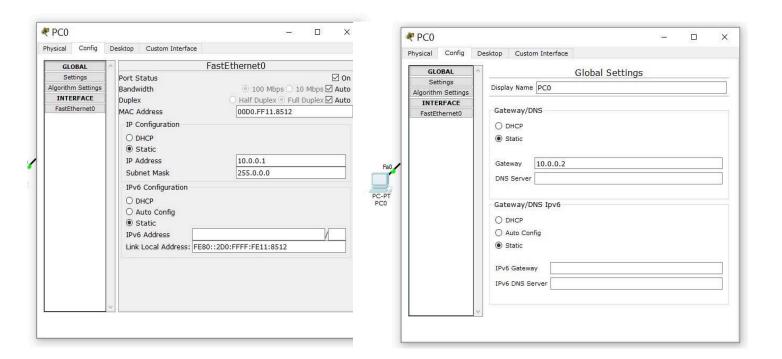
AIM: TO DEMONSTRATE THE CONFIGURATION TO THE ROUTERS NAD EXPLORE PING COMMAND

-	
	Lab-2 = Rowler Configuration To demonstrate config. of IP additions to the nowless and explane ping command.
Aim :-	To demonstrate config. of IP adductives to the seculor's and explore ping
-	command.
	Routex Configuration Commands in CLI
Router	Enable
Router#	conlis t
Routex (config. # interface fact exernet 0/0 [interface - iraws]
Gin confi	mode)
Router (config-i() # ip address 10.0.0.9 155.0.0.0
Rowler Ceo	nfig-if)# rio skaldown
To exo	from one network and to get to another network
1	we need gateway.
and the same	Topology fools out fait athernet 10
fastell	Topology facto facto tax otherness 10 booking to the up
Jpaddi	OF Router D
	fad le address
Ip address	i Ip address 1 p. 30. op. 1
10.0.0.1	Closemon Company
10.0.0.2	
	PCO
07	Steps: setting up devices - gend devices and I houter
•)	select two generic and devices and
0	one generic router
7	steps: connect and devices to the scouter using
	Copper cross over cable.
9)	Steps: © Configuration of enddevices
	configuration of enddevices
	·) Select PCO., goto config enter If address ous
	100000000000000000000000000000000000000
	e) select PCI, go to config enter IP address as
	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	THE RESERVE OF THE PARTY OF THE

4	Now Per are all configured.
	to send mag from one device to others _
	from right side panel select simple message 1
190	PDU,
0)	select source device then seled destination
	dovice now might also being bent to
•)	see the working of how it is working go to
	chick on simulation mode.
	Likewise, can connect multiple devices with
4	& hub.
⇒	Observation:
6	HUB: hardwave device in physical layer
	g connects multiple devices in network.
	o) it broadcasts are sends migs to each part
	without filtering data
	watking
	PCO car is sending data mag to PCI and PCD
(3)(1)	any one of PCI and PEZ
17-5-8	is accessing data to awaid collision
	1991 to 1916 ket the de soliente by held to
->	PDU: (Puotoud Oata Unit)
	Along with data it coolains prolocal specific
state (in	control information.
	o) It is block of infor. And is Examplexed by
278344	network and gystems.

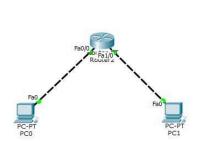
REALTIME TOPOLOGY:

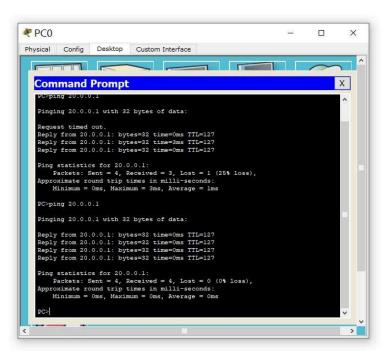




a) PC0 CONFIGURATION:

b) PC0 GATE





•

c) PCO PING