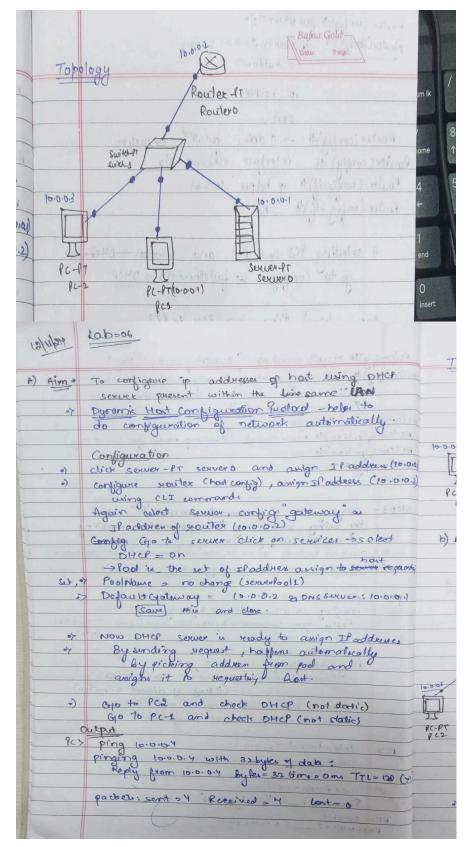
NAME : MANVI SHARMA USN: 1BM22CS149

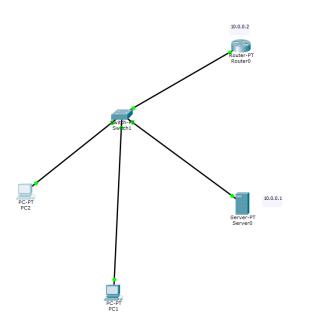
CN LAB 6

# <u>AIM:</u> TO CONFIG IP ADDRESSES OF HOST USING DHCP SERVER PRESENT WITHIN SAME LAN

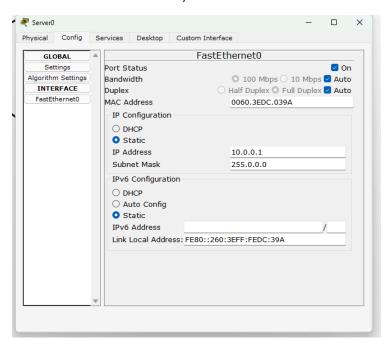
**OBSERVATION:** 



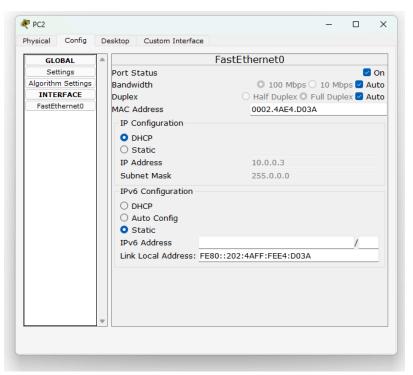
#### a) NETWORK TOPOLOGY:



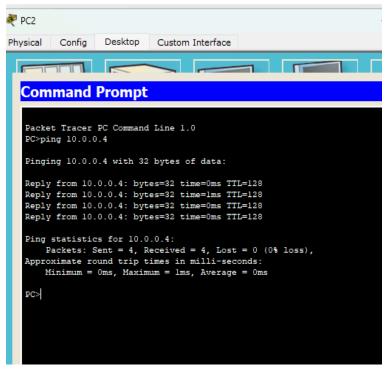
#### b) SERVER CONFIG



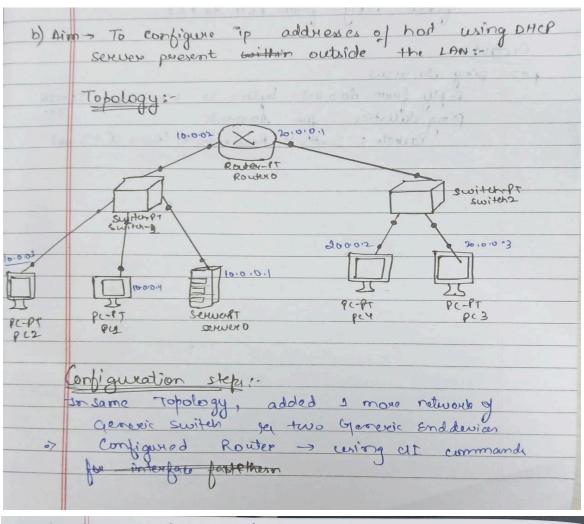
# c) PC CONFIG

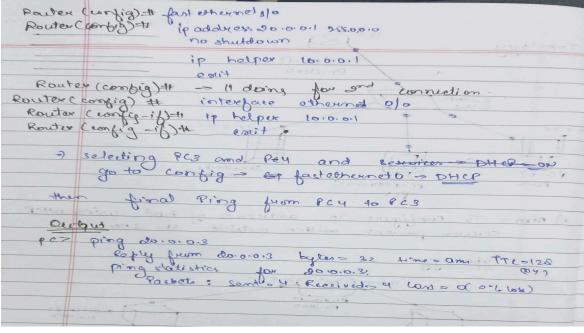


### d) PING COMMAND

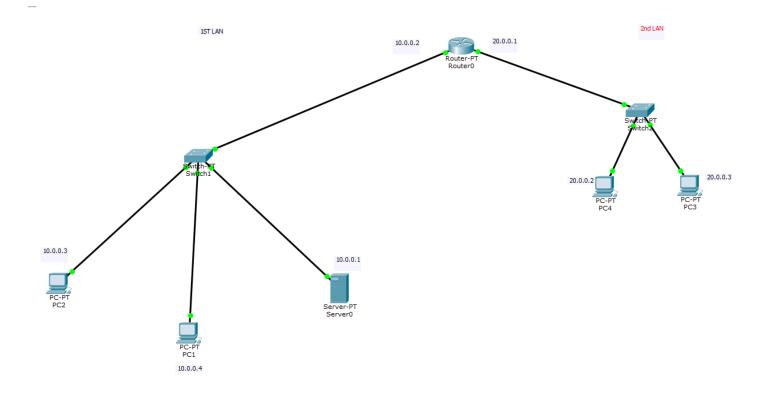


# <u>AIM:</u> TO CONFIG IP ADDRESSES OF HOST USING DHCP SERVER PRESENT OUTSIDE SAME LAN





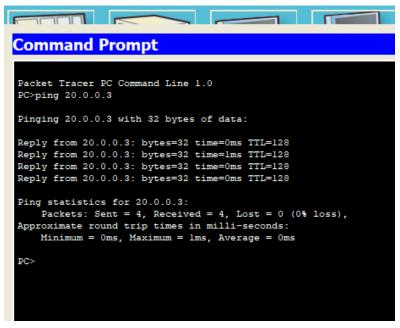
#### a) NETWORK TOPOLOGY:



#### b) ROUTER CONFIG

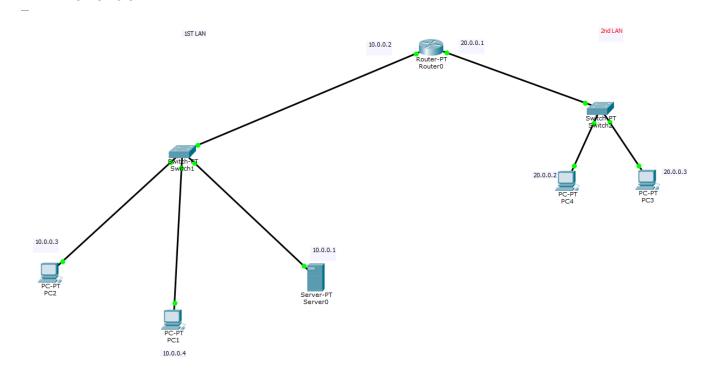
#### Router0 Physical Config CLI IOS Command Line Interface Router>enable Router#config t Enter configuration commands, one per line. End with ${\tt CNTL/Z}$ . Router(config) #interface fastethernet1/0 Router(config-if) #ip address 20.0.0.1 255.0.0.0 Router(config-if) #no shutdown %LINK-5-CHANGED: Interface FastEthernet1/0, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up Router(config-if) #ip helper 10.0.0.1 Router(config-if) #exit Router(config)# Router(config) #interface fastethernet0/0 Router(config-if) #ip helper 10.0.0.1 Router(config-if)#exit Router(config)# Router(config)#

## c) PING COMMAND

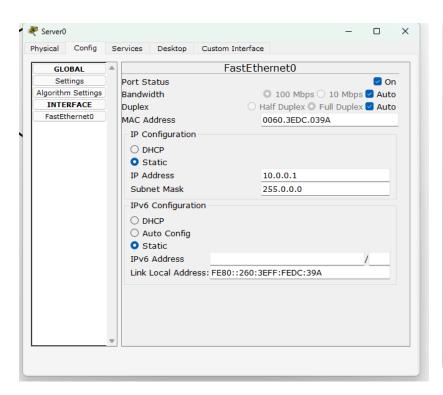


# <u>AIM:</u> TO CONFIG DNS SERVER TO DEMONSTRATE THE MAPPING OF IP ADDRESSES AND DOMAIN NAME

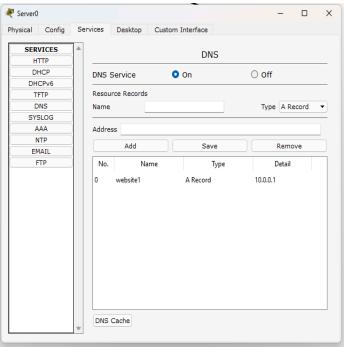
#### TOPOLOGY:



#### **DNS SERVER CONFIG**



### Adding website name and address



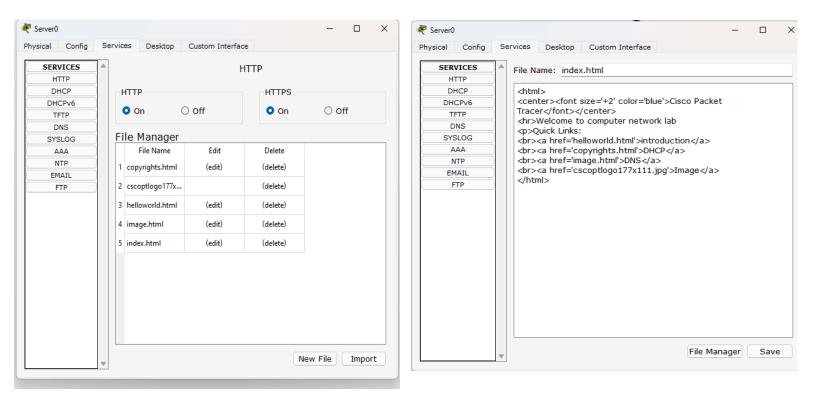


Fig: Accessing and changing index.html

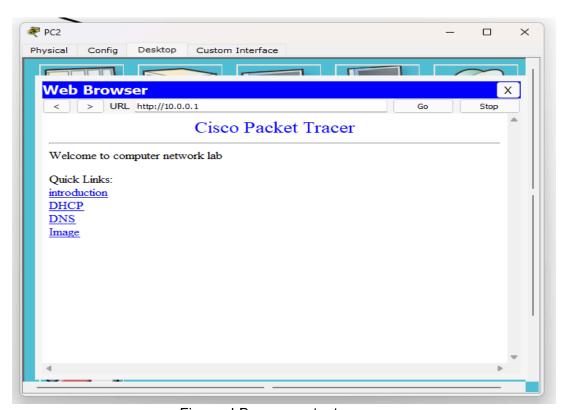


Fig: webBrowser output

# OBSERVATION:

	Bafna Gold
AIM)	TO CONTIG DAS SERVER TO DEMONSTRATE THE MAPPINGS  OF IP ADDRESSES AND DOMAIN NAME.  Topology - Some as free (for outside Lan):-
0)	Steps:- Opo to Sewero, -> Services -> DNS anton> ON, Name = websites  Address = (server address) (0.0.0.1)
4. <b>6</b> 9.8	Go to HTTP -> indem.html -> make change of heading.  Go to PC2 -> Desktop -> webBrowsex  enter URL website1 or [10.0.0.1] (also world)  or shows you index.html page. Content  (andiouxation seeks are same as Assure
	Configuration steps are same as frew.