LABORATORY PROGRAM – 9

To construct simple LAN and understand the concept and operation of Address Resolution Protocol (ARP)

18/12/24	I AB NO 10 PAGE NO : DATE:
	ARP
nn:	To Greaternet simple LAN and understand the Great and appendict of Address Parted Paralleton Protocol CARP)
	Topology!
	Server 10.0.0.h Switch
	10.00.1 10.0.0.2 100.03
	Procodure
(.	Concate the topology or stown above
2.	Configure the PC's and the Sorver
3.	(lick on Inspect mode (9), then click on the ord
	Sound a data packet from any and device say storum to other and devices say 10.00.3 PC
5.	Open Simulation made to capture each step of data transf
	Observations
1.	The ARP tables of the all and devices are initially empty.
Q .	When the data packet from device assisted at the Switch, Since the Source MAC address is unknown, it sends a
	breadcast message to all devices
3	The drice with the 11 address prevent in the destination address of the mossesses

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	The Somer and the PC Update their ARP tobles
4	Matching IP addresses to MAC address. Matching IP addresses to MAC address as data packets are smi
5	Ova Time, the ARP tables grans as data packets are soil
6	The Asia III of the March Culture
	Chapter its will table sucdually too
	[DRD toble for 10.0.0.6:
	10 day Monderay Adress Intonge
	100.0.3 0001 C726 47E5 Fant Hornord
	211 11 2001111 20 11020102
7	Similarly other PRP tables are updated.

