Roll Number	20ECR071	Course Code	20ECL62
Name	KARTEESWAR K P	Course Name	Data Communication and Internetworking Laboratory
Experiment No.	3 a	Experiment Name	ARP/RARP REALIZATION USING NETSIM
Image caption	Source computer sending ARP request to destination computer using source IP and destination IP.		

Roll Number	20ECR071	Course Code	20ECL62
Name	KARTEESWAR K P	Course Name	Data Communication and Internetworking Laboratory
Experiment No.	3 a	Experiment Name	ARP/RARP REALIZATION USING NETSIM
Image caption	Intermediate device broadcasts ARP request to all other computers connected to it.		

Roll Number	20ECR071	Course Code	20ECL62
Name	KARTEESWAR K P	Course Name	Data Communication and Internetworking Laboratory
Experiment No.	3 a	Experiment Name	ARP/RARP REALIZATION USING NETSIM
Image caption	The destination computer sends APR reply for ARP request to source computer.		

Roll Number	20ECR071	Course Code	20ECL62
Name	KARTEESWAR K P	Course Name	Data Communication and Internetworking Laboratory
Experiment No.	3 a	Experiment Name	ARP/RARP REALIZATION USING NETSIM
Image caption	ARP packet is sent request and RARP packet is received to know MAC address		

NetSim - Programming

Simulation Programming Basics **Help**

Address Resolution Protocol

Mode ⓘ

    ◉ Sample   ○ User

Input

    Number of Nodes   8

Node Number	IP Address
1	192.168.1.1
2	192.168.1.2
3	192.168.1.3
4	192.168.1.4
5	192.168.1.5
6	192.168.1.6
7	192.168.1.7
8	192.168.1.8

ARP Request System   192 . 168 . 1 .   1

ARP Reply System   192 . 168 . 1 .   5

Action

I am 192.168.1.5

ARP Reply

1   2   3   4   5   6   7

Device
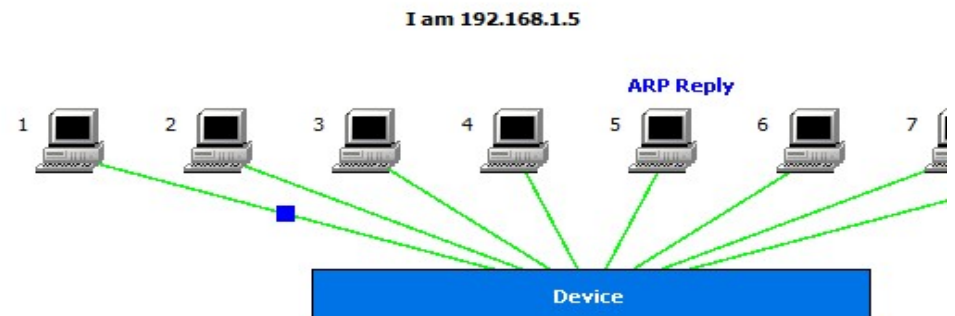
	Source IP	Destination IP	Source MAC
ARP Request Format	192.168.1.1	192.168.1.5	0D73E4E1DD4D
ARP Reply Format	192.168.1.5	192.168.1.1	27EE654B26B3