

**Ex: 8****DOMAIN NAME SERVER USING UDP**

Simulate the concept of Domain Name Server using UDP.

**Server** should perform the following:

1. Maintain a table which contains IP address and the corresponding Server name and display the table.
2. When a request is for an IP address (Given a server name) is from a client is received, verify the table and send the corresponding IP address to the server.
3. Make server to accept multiple client request simultaneously.
4. Also modify the server.

**Client** should do the following:

1. Request for an IP address is given to the server using the server name
2. Receive the corresponding IP address and display it.

**Sample Input and Output****Server**

Server Name	IP Address
www.yahoo.com	10.2.45.67
www.annauniv.edu	197.34.53.122
www.google.com	142.89.78.66

Do you want to modify (yes or no): yes

Domain name: www.yahoo.com

IP address: 300.8.35.79

Invalid IP address

Enter valid IP address:197.34.53.122

IP address already exists

Enter valid IP address:196.34.53.122

Updated table is

Server Name	IP Address
www.yahoo.com	10.2.45.67
www.annauniv.edu	197.34.53.122
www.google.com	142.89.78.66
www.yahoo.com	196.34.53.122

**Client1**

Enter the server name : www.annauniv.edu  
The IP address is :197.34.53.122

**Client2**

Enter the server name : www.yahoo.edu  
The IP address is :10.2.45.67  
Enter the server name : www.yahoo.edu  
The IP address is :10.2.45.67  
196.34.53.122