MULTICAST

Server

import java.io.\*;

import java.net.\*;

class UDPServer

{

public static void main(String args[])throws IOException,NumberFormatException

{

int a=0;

final String INET\_ADDR="224.0.0.3";

final int PORT = 8888;

DatagramSocket sersock=new DatagramSocket(PORT);

byte[] receivedata=new byte[1024];

byte[] senddata=new byte[1024];

while(true)

{

InetAddress IPA=InetAddress.getByName(INET\_ADDR);

String csentence="HEllo debomoy";

senddata =csentence.getBytes();

DatagramPacket sendpack=new DatagramPacket(senddata,senddata.length,IPA,5555);

sersock.send(sendpack);

}

}

}

Client

import java.io.\*;

import java.net.\*;

class UDPClient

{

public static void main(String args[])throws IOException

{

BufferedReader inFromUser=new BufferedReader(new InputStreamReader(System.in));

final String INET\_ADDR="224.0.0.3";

final int PORT = 8000;

MulticastSocket clientSocket = new MulticastSocket(PORT);

InetAddress IPA=InetAddress.getByName(INET\_ADDR);

byte[] receivedata=new byte[1024];

clientSocket.joinGroup(IPA);

DatagramPacket recpack=new DatagramPacket(receivedata,receivedata.length);

clientSocket.receive(recpack);

String msentence=new String(recpack.getData());

System.out.println("From Server : "+ msentence);

clientSocket.leaveGroup(IPA);

clientSocket.close();

}

}

