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/* Write a program on datagram socket for client/server to display the
messages on client side, typed at the server side. */

import java .io.*;
import java.net.*;
class UDPClient
{
    public static DatagramSocket ds;
    public static int clientport=2020,serverport=2025;

    public static void main(String args[])throws Exception
    {
        byte buffer[]=new byte[1024];
        ds=new DatagramSocket(serverport);
        BufferedReader dis=new BufferedReader(new
InputStreamReader(System.in));
        System.out.println("server waiting");
        InetAddress ia=InetAddress.getLocalHost();

        while(true)
        {
            System.out.println("Client:");
            String str=dis.readLine();
            if(str.equals("end"))
                break;
            buffer=str.getBytes();
            ds.send(new
DatagramPacket(buffer,str.length(),ia,clientport));
            DatagramPacket p=new
DatagramPacket(buffer,buffer.length);
            ds.receive(p);
            String psx=new String(p.getData(),0,p.getLength());
            System.out.println("Server:" + psx);

            }// end of while loop

        }// end of main method

    }//end of UDPClient class

```