**//UDP SERVER**

import java.util.Scanner; import java.net.\*;

import java.io.\*; public class udp70

{

public static void main(String[] args)

{

Scanner in = new Scanner(System.in); DatagramSocket skt = null;

try

{

skt = new DatagramSocket(3000); System.out.println("Server is ready"); while(true)

{

byte buffer[] = new byte[1024];

DatagramPacket req = new DatagramPacket(buffer,buffer.length); skt.receive(req);

String msg = new String(req.getData()); System.out.println("Client:"+msg); System.out.println("Server:");

String m = in.nextLine();

byte sendmsg[] = m.getBytes(); DatagramPacket reply = new

DatagramPacket(sendmsg,sendmsg.length,req.getAddress(),req.getPort()); skt.send(reply);

}

}

catch(Exception e)

{

e.printStackTrace();

}

}

}

**//UDP CLIENT**

import java.util.Scanner; import java.net.\*;

import java.io.\*;

public class udpclient70

{

public static void main(String[] args)

{

Scanner in = new Scanner(System.in); DatagramSocket skt;

try

{

skt = new DatagramSocket();

InetAddress host = InetAddress.getByName("127.0.0.1"); int port = 3000;

while(true)

{

System.out.println("Client"); String msg = in.nextLine(); byte b[] = msg.getBytes();

DatagramPacket req = new DatagramPacket(b,b.length,host,port); skt.send(req);

byte buffer[] = new byte[1024];

DatagramPacket reply = new DatagramPacket(buffer, buffer.length); skt.receive(reply);

System.out.println("Server: "+new String(reply.getData()));

}

}

catch(Exception e)

{

e.printStackTrace();

}

}

}

