/\* simplex-talk server, UDP version \*/

import java.net.\*;

import java.io.\*;

public class stalks {

static public int destport = 5432;

static public int bufsize = 512;

static public final int timeout = 15000; // time in milliseconds

static public void main(String args[]) {

DatagramSocket s; // UDP uses DatagramSockets

try {

s = new DatagramSocket(destport);

}

catch (SocketException se) {

System.err.println("cannot create socket with port " + destport);

return;

}

try {

s.setSoTimeout(timeout); // set timeout in milliseconds

} catch (SocketException se) {

System.err.println("socket exception: timeout not set!");

}

// create DatagramPacket object for receiving data:

DatagramPacket msg = new DatagramPacket(new byte[bufsize], bufsize);

while(true) { // read loop

try {

msg.setLength(bufsize); // max received packet size

s.receive(msg); // the actual receive operation

System.err.println("message from <" +

msg.getAddress().getHostAddress() + "," + msg.getPort() + ">");

} catch (SocketTimeoutException ste) { // receive() timed out

System.err.println("Response timed out!");

continue;

} catch (IOException ioe) { // should never happen!

System.err.println("Bad receive");

break;

}

String str = new String(msg.getData(), 0, msg.getLength());

System.out.print(str); // newline must be part of str

}

s.close();

} // end of main

}