Find out which of the first 1,024 ports seem to be hosting TCP servers on a specified host

import java.net.\*;

import java.io.\*;

public class LowPortScanner {

public static void main(String[] args) {

String host = "localhost";

if (args.length > 0)

{ host = args[0];

}

for (int i = 1; i < 1024; i++)

{

try

{ Socket s = new Socket(host, i);

System.out.println("There is a server on port " + i + " of " + host);

}

catch (UnknownHostException ex)

{ System.err.println(ex); break;

} catch (IOException ex)

{ // must not be a server on this port

} } // end for

} // end main

} // end PortScanner