using System;

using System.Net; //declaration of namespaces that will be used in this program

using System.Net.Sockets;

using System.Text;

class MainClass

{

public static void Main()

{

IPAddress host = IPAddress.Parse("192.168.1.215"); //enter the IP address of the device to be controlled

IPEndPoint hostep = new IPEndPoint(host, 5900); //enter the port number of the device to be controlled

Socket sock = new Socket(AddressFamily.InterNetwork, SocketType.Stream, ProtocolType.Tcp); //creating the socket

try

{

sock.Connect(hostep); //connecting to the device

}

catch (SocketException e)

{

Console.WriteLine("Problem connecting to host");

Console.WriteLine(e.ToString());

sock.Close();

return;

}

try

{

sock.Send(Encoding.UTF8.GetBytes("\*IDN?\r\n")); //enter the command that we want to send to the device. Please add ‘\r\n’ to the command for proper termination.

byte[] t = new byte[1024]; //array to store the data received

int k = sock.Receive(t); //to read data from the socket

Console.WriteLine(k);

Console.WriteLine("Recieved...");

for (int i = 0; i < k; i++)

{

Console.Write(Convert.ToChar(t[i]));

ASCIIEncoding asen = new ASCIIEncoding();

sock.Send(asen.GetBytes("The string was recieved by the server."));

}

Console.WriteLine(t.ToString());

}

catch (SocketException e)

{

Console.WriteLine("Problem sending data");

Console.WriteLine(e.ToString());

sock.Close();

return;

}

sock.Close(); //closing the connection

}

}