

```

1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Net;
5  using System.Net.Sockets;
6  using System.Text;
7  using System.Threading.Tasks;
8
9  namespace TCPServerConsoleApp
10 {
11     internal class Program
12     {
13         static void Main(string[] args)
14         {
15             try
16             {
17                 Int32 serverPort = 30000;
18                 IPAddress serverIP = IPAddress.Parse("127.0.0.1");
19
20                 TcpListener serverListener = new TcpListener(serverIP, serverPort);
21                 serverListener.Start();
22
23                 while (true)
24                 {
25                     Console.WriteLine("Waiting for a connection...");
26
27                     TcpClient client = serverListener.AcceptTcpClient();
28                     Console.WriteLine("Connected!");
29
30                     NetworkStream stream = client.GetStream();
31
32                     Byte[] buffer = new Byte[256];
33                     int recvData = 0;
34
35                     while (true)
36                     {
37                         recvData = stream.Read(buffer, 0, buffer.Length);
38                         if (recvData == 0) { break; }
39                         string s = Encoding.UTF8.GetString(buffer);
40                         Console.WriteLine(s);
41                     }
42                 }
43             } catch (SocketException e)
44             {
45                 Console.WriteLine("SocketException: {0}", e);
46             }
47         }
48     }
49 }
50

```