```
using System;
using System.Net;
using System.Text;
using System.IO;
using System.Collections.Specialized;
using System.Iec61131Lib;
using Iec61131.Engineering.Prototypes.Types;
using Iec61131.Engineering.Prototypes.Variables;
using Iec61131.Engineering.Prototypes.Methods;
using Iec61131.Engineering.Prototypes.Common;

namespace EclrFirmwareLibrary4
{
    [FunctionBlock]
    public class FunctionBlock1
    {
        [Input]
        public string IN1;
        [Input]
        public string IN2;
        [Output, DataType("WORD")]
        public string OUT;

        [Initialization]
        public void __Init()
        {
            //
            // TODO: Initialize the variables of the function block here
            //
        }

        [Execution]
        public void __Process()
        {
            OUT = (string)(IN1 + IN2);
        }
    }
}

public class Test
{
    // Specify the URL to receive the request.
    public static void Main(string[] args)
    {
        HttpWebRequest request = (HttpWebRequest)WebRequest.Create(args[0]);

        // Set some reasonable limits on resources used by this request
        request.MaximumAutomaticRedirections = 4;
        request.MaximumResponseHeadersLength = 4;
        // Set credentials to use for this request.
        request.Credentials = CredentialCache.DefaultCredentials;
        HttpWebResponse response = (HttpWebResponse)request.GetResponse();

        Console.WriteLine("Content length is {0}", response.ContentLength);
        Console.WriteLine("Content type is {0}", response.ContentType);

        // Get the stream associated with the response.
        Stream receiveStream = response.GetResponseStream();

        // Pipes the stream to a higher level stream reader with the required encoding
format.
        StreamReader readStream = new StreamReader(receiveStream, Encoding.UTF8);
```

```
        Console.WriteLine("Response stream received.");
        Console.WriteLine(readStream.ReadToEnd());
        response.Close();
        readStream.Close();
    }
}
```