

Assignment #2

Objective: Learn about HTML forms, server-side scripting (using Microsoft's Razor), using .NET TcpClient class, and HTTP client-server communication.

1. Use WebMatrix to develop a script "**ImageFetch.cshtml**". The script presents a form to the user. The user types in the absolute URL for some image file. Upon submission, the image is somehow fetched and displayed below the form (and not in a new page).

2. The page has an `<iframe src= "ImageFetch.cshtml?FetchSrc" >` to have the browser fetch and display the raw content of "**ImageFetch.cshtml**". The content needs to be sent with *content-type:text/plain*.

Submission & Deadline: Send an e-mail to instructor with the URL of your solution by Oct. 10, 2016.

Important Note: For both parts, you must use .NET TcpClient class. See the *HttpClient.cshtml* example (discussed in class) at <http://faculty.kfupm.edu.sa/ics/darwish/HttpClient.zip>.

Recommended References

1. <http://www.asp.net/web-pages/tutorials/basics/2-introduction-to-asp-net-web-programming-using-the-razor-syntax>

2. Do Google search for "tutorial razor filetype: pdf" The first hit (*download.microsoft.com*) is a link to a good reference on WebMatrix and Razor.