

In this Lecture we will

- Discuss the differences between HTML and ASP.NET controls
 - HTML loads faster ... better for static pages
 - ASP.NET controls must constantly interact with server
 - HTML button control is coded in Javascript
 - when you double click on it, you are put into HTML source onClick event
 - you then must provide the code for the corresponding function eg.
alert("Welcome");
 - ASP.NET button control is coded in C# ... when you double click on it creates Event Handler
 - code behind file ... aspx.cs
- Create a simple ASP.NET Web application that uses ASP.NET and HTML controls and **incorporates C# coding** (enter a name and display a greeting) *MyFirstWebApp*
 - using labels, text boxes and button controls
 - add HTML elements <HR> from the HTML controls in toolbox
 - format text eg. font, color (CSS based) *SimpleFormatting*
 - uses classes (internal style sheet)
 - converts text to hyperlink (Format menu)
 - adds an ASP.NET image control
 - Visual Studio has a built-in viewer for ASP.NET pages you create... BUT
 - You can't just open a dynamic page on your own computer (without VS) before it is posted online as you can a regular HTML page.
 - You must view a dynamic page through a Web Server that has an appropriate application server running.
 - ASP.NET is the server model we use. It runs in conjunction with Microsoft IIS Web Server .. http://localhost
 - Discuss the difference between server side code and client side code (view source in browser)
 - Default.aspx (server-side) ... runat="server" tells Webserver that ASP.NET tags should be processed before sending page to the browser
 - Default.aspx(client-side) ... browser gets HTML generated by ASP.NET