Website: decentname.cloudapp.net/something/Default.aspx

1. What is happening when a user requests a page from a remote server?

Form information is gathered and sent to the server for processing. The results are fed back to the client with the rest of the page upon completion.

1. Is it any client-side code executing in your assignment application? If so, how is the client-side code executed in ASP.NET?

The only thing executing on the client side is the gathering of data and sending to the server via a hidden HTML field called \_\_VIEWSTATE for processing.

1. What is the role of the line:

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Default.aspx.cs" Inherits="\_Default" %>

It is metadata specifying the language used in the codebehind, along with the location of the C# file.

1. What is the role of a default web form?

The default web form is the page that the server displays first by default.

1. What special folders are in ASP.NET and what is their role?

App\_Code – stores classes, typed data sets, etc. All items stored in here are automatically accessible throughout the application.

Bin – keeps assemblies inside of it.

App\_Data – Manages all of the application’s data centrally. It is accessible from anywhere in the web application.

App\_Theme – contains all themes in the application.

App\_Browser – contains xml-based files which are used to identify the browser and browser capabilities.

App\_WebReference – contains references to any web services.

App\_LocalResource – holds local resources, and provides multilingual functionality.

App\_GlobalResource – Holds global resources at the root of the application. These resources can be accessed programmatically by using the Resource.Resource object.

1. What is the difference between web server controls and HTML controls?

Web server controls are executed on the server, with the resultant HTML sent to the client. They can detect the target browser’s capabilities and render themselves accordingly. A control can be made to run on the server with the HTML tag **runat=”server”**.

1. What is the role of property IsPostBack and how should be used?

It is a method that returns a value to indicate whether the page is being rendered for the first time. In our lab, if we didn’t check, the interest list would have been appended with duplicate options each time the user reloaded the page.

1. What control validators are available in ASP.NET, how should be used?

RequiredFieldValidator

RangeValidator

CompareValidator

RegularExpressionValidator

CustomValidator

ValidationSummary

They can be placed in the html where you want the error message to appear. You use the tag **ControlToValidate** to target the control you wish to monitor, and use **ErrorMessage** to display an error message.

1. What is the role of isValid and how should be used?

After determining if the page is a post back, we call this.Validate(). We then use this.isValid to either continue on, or notify the user of an error.

1. What is happening when the user hits the refresh button?

The client sends a GET or POST request with no parameters.