**CPS 420 - Lab Assignment #3: Server Controls and OOP Automobile Class**

**ASP.NET Web form application**

Assigned: Week 4 Due: Week 5 Points: 40

**Read Chapters 6&7**

**Create an ASP.NET Web Application called AutomobilesInfo using the designer and toolbox.**

1. Add a Web Form, and design it with an 8x3 table.
2. Add a class called Automobile with the following member data
   1. Make
   2. Model
   3. Price
   4. Year
   5. Color
   6. Description
3. Create the appropriate get/set properties for the Automobile class and/or accessor/mutators.
4. Populate a data structure such as an an ArrayList with at least 10 objects of type Automobile, inside the code.
5. Create a DropDown List to display the Automobiles make and model. Bind the ArrayList to the DropDownList
6. Enable the user to display the contents of the 6 fields in textboxes when they select an Automobile from the dropdown list.
7. Create an Add button to enable the user to increase the list by adding fields from the textboxes. The textboxes should be cleared and a new record will be created from the values in the 6 textboxes.
8. Additional features may be added such as Delete functionality, which will be required in future labs.
9. Feel free to use your own design for the interface. The key items are that you:
   1. Use Server controls
   2. Create a class
   3. Create a data structure
   4. Bind the data to the server control
   5. Have the user be able to add data to the structure

Note: See the Stocks program I’ve posted in Blackboard for a model to go off of.