**COP4226, EXTRA CREDIT 1**

**Due Monday, September 15 (not late until 6 am 9/16)**

Use a text editor (not Visual Studio) to create a c# source file that meets the following requirements. Compile and run the file from the Visual Studio command prompt.

Add a class to the c# file that extends the Form class.

* Create a constructor that accepts two string arguments.
  + Set the text in the title bar of the form to the first string.
  + The second string is your name. Initialize a member variable with this string. String is in the System namespace.
  + Set the Size (System.Drawing.Size) of the form so your panels look good.
  + Do not prevent the form from being resized.
* Add a Panel to your form.
  + Set the background color (BackColor) of the panel to a System.Drawing.Color value (like Red, Green, Blue, etc.).
  + Dock the panel to the bottom of your form. Use the DockStyle enumeration to set the value. Use the Height and Width properties to control the original size of the form before it is docked.
  + Add a Label to the panel. Set the value of the label to the name, that was passed in the constructor.
* Add another Panel to your form.
  + Set the background color of the panel to a System.Drawing.Color value (like Red, Green, Blue, etc.). Use a different color for this panel.
  + Dock the panel so it fills the remaining area of the form. Use the DockStyleenumeration to set the value.
  + Add a Label to the panel. Set the value of the label to *Comment:*. Do not display the label at point (0,0) in the panel. Use the Top and Left properties to position the label.
  + Add a TextBox to the panel.
    - Align the text box next to the label.
    - Anchor the text box to the top, left and right. Use the AnchorStyles enumeration to set the values, use the | operator to *or* more than one value together.
    - Set the width of the text box to a reasonable size.
  + Add a Button to the panel.
    - Align the button so it stays aligned with the right edge of the textbox.
    - Place the button near the lower, right corner of the panel.
    - Add a handler for the click event of the button. When the button is clicked, display a message box with a greeting that contains the current value of the text box.
    - Place an appropriate name on the button. Be sure all the text can be seen in the button.

Add a class to the c# file that has a main method. The Main method in a c# program can be overloaded with a String[] args parameter. This argument contains the command line arguments.

* + Construct an instance of your form class.
  + Call the constructor of the form class with the first two command line arguments, if they exist. If either is missing then call the constructor with some default values.
  + Use the Application class to run the application with your form as the main form.

**Compiling and Running**

To compile and run the program, open the command line window that can be accessed from the Visual Studio Tools folder.

Compile the c# file with the cs compiler.

Run the command with several different command line arguments. Also run it with no command line arguments.

**Submitting the Assignment**

Upload your c# file to me using the upload program on my class page:  
[Submitting Homework Online](http://users.cis.fiu.edu/~downeyt/cgi-bin/upload/submit_hw.cgi?course=cop4226).