CS 180 Problem Solving and OO Programming

Fall 2010
Recitation Week 9
Discussion and Problem Set

1. Answer questions, if any, related to Project 3.
2. **Problem 1**: Write a program that does the following:
   (a) Creates a GUI with two buttons labeled 5 and 7 and a text field that initially displays "Welcome! Your count is 0."
   (b) When a button is clicked, the number on the button is added to the current count on display. Thus, for example, if right after start the button labeled "5" is clicked then the display should show "Your count is 5". Now if the other button is clicked, the display should show "Your count is 12", and so on.
3. **Problem 2**: Add a third button to the GUI created in Problem 1. Label this button as "Init". When this button is clicked the display is reset and shows "Welcome! Your count is 0."
4. **Problem 3 [Time permitting]**: Update your program from Problem 2 so that the button foreground color changes to Color.blue when the mouse enters the button and changes to red when the mouse exits the button.