**Week 1, Review CS 133 N Topics. -**

Things to do

* The Course
  + Read the syllabus for the course.
  + Familiarize yourself with this web site.
  + Locate a computer system on which you can complete the labs for the course. You can use the CIT Main Lab or a machine of your own. You'll need a Windows machine and Visual Studio 2012. Visual Studio 2012 can be obtained through MSDNAA.
* Read Quiz 1
  + Read or skim chapters 1 - 11 in the 233 text, excluding chapters 8 and 9.
  + Complete Read Quiz 1. The first reading quiz covers all of the review chapters.  Each reading quiz consists of 10 multiple choice questions taken from the topic. You may take the reading quiz 4 times and the average of your scores will be used in the calculation of your grade. Each quiz is open book but because you only have40 minutes to complete each attempt, you won't complete the quiz if you haven't read the materials prior to attempting the quiz.
* Lab 0
  + Download the starting files - tic tac toe.
  + Complete each of the methods provided in the starting files.  Use these methods to implement the event handlers for the Tic Tac Toe game.
  + Participate in the forum - Lab 0 Questions as necessary.
  + Complete a peer evaluation for your work in lab 0.  Make any corrections necessary based on your peer evaluation.
  + Submit lab 0

**Lab 0 Instructions –**

* The objective of this lab is to provide you with an opportunity to review and practice the concepts and skills you learned in CS133N.
* Complete the programming problems described below.  For each of the problems, a Visual Studio project containing at least one form has been provided in the starting files for the lab:
* Complete each of the methods provided in the Tic Tac Toe starting files.  Use those method to implement an appropriate set of event handlers to allow the user to play a game of Tic Tac Toe against the computer.
* A maximum of 20 points will be awarded for the lab:
* The problems completed as a group in class will earn a maximum of 12 points.
* All problems will earn a maximum of 20 points.
* In class section students should:
* Open the solution from the starting files in Visual Studio and examine the user interface.
* Create an Action Control Event (ACE) chart for the application.
* Write an algorithm in pseudocode that describes the logic involved in any method or event handler that is logically complex
* Complete the implementation, test and debug the application in Visual Studio.
* Download the peer evaluation form for lab 0.  Complete the peer evaluation with a classmate using the form as a guide.  Include with the peer evaluation document:
* screen shots illustrating the functionality of the application for each problem.
* the source code for the methods, event handlers and variable declarations that you wrote in each problem
* Upload the peer evaluation document you created in moodle.