Fall 2012 CSC 150

**Lab #7**

These short exercises will familiarize you with the debugging tools and techniques in the MS Visual C++ environment.

**Lab7.1:** Correcting Syntax Errors **[4 points]**

Before starting the lab activity, create an empty C++ project called Lab7\_1. Download the file lab7\_1.cpp from the Lab7 folder on the course website to your project folder. Add this file to your project. The program compiles but it has some logical errors. Follow the instructions given at the beginning of the code.

**A sample run after you remove the logical errors is:**

Loop executed 1 times.

Loop executed 2 times.

Loop executed 3 times.

Loop executed 4 times.

Loop executed 5 times.

Loop executed 6 times.

Loop executed 7 times.

**Run the program and show the results to the lab TA before you continue with the next activity**

**Lab 7.2**: Working with the **switch** statement [**6 points**]

Save your lab7\_1.cpp file, and close Lab7\_1 project. Create an empty C++ project called Lab7\_2. Copy the file **lab7\_2.cpp** from the Lab7 folder on the course website to your project folder. Add this file to the project. This debugging exercise is the exercise in section 7.9 of your textbook. Follow the instructions given at the beginning of the code.

Complete each step in turn; don't just run through the code correcting any errors you see.

**The execution of the program at the end of exercise 3 must be:**

Enter your age: 10

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**Run the program and show the results of the last debugging exercise to the lab TA before the end of the lab period.**

**Please return this page to the Lab TA. Thank you.**