

# CSCI 310, Data Structures, Spring 2009

## Assignment 3 (15 points)

1. (10 points) Implement version 6 of the `Time` class provided in the C++ notes handout. You should name the class `Time` rather than `TimeClass6`. Write a tester program that thoroughly tests all features of the `Time` class.
2. (5 points) Modify the the `Time` class that you implemented in Question 1 so that internally it stores the time as the number of seconds since midnight. This means you will need just one data member rather than three. The public interface for this new `Time` class *should not change*. You should test this new `Time` class using the same tester program you wrote for Question 1. You should simply copy the tester program from Question 1 and use it without changing it.