

# CECS 277 LAB MEMENTO PATTERN

**OBJECTIVE:** Starting with the sample code that we used in lecture, extend it to accommodate a few new things so that you are more comfortable with the Memento design pattern.

**INTRODUCTION:** Please remember the coding standards [here](#).

The code that we went over in lecture can be found [here](#). Please construct a new Java project and put those source files into it. Run that code as it stands to make sure that you have everything set up properly to change it.

**PROCEDURE:**

1. The Section class will now have two new member variables: the course Instructor's name, and the days of the week that the course is offered. Please make an enumeration for the later value. That can take on the values: "MONDAY\_WEDNESDAY", "TUESDAY\_THURSDAY", "FRIDAY", "SATURDAY". Make a toString() for it to make the first letter of each day of the week upper case, and the rest lower case, and convert from the "\_" character to a blank.
2. Update the Originator class (Section) to have the additional member variables.
3. Make any changes that you need to in Memento (the nested class inside of Section), CareTaker, and the driver program to accommodate the new member variables.

**WHAT TO TURN IN:**

- All of the .java files that you had to change for this lab.
- Your console test output. Name that file console.txt
- The UML diagram of your application.