

CS 212 – Fall 2017 – Project 3

Assigned: 22 November 2017
Due: 1 December 2017
Cutoff: 6 December 2017

Create a new Exception called *Date212Exception*. The constructor of *Date212* should throw this exception if an invalid date is read from the file. A valid date should be 8 digits with a month between 1 and 12 and a day that is valid for the month (don't worry about leap years for February). If this exception is thrown, the invalid date and the message from the exception should be printed to the console.

Add a second menu to the GUI called *Edit* which will have one menu item called *Insert*. Clicking on insert should prompt the user using a *JOptionPane* input dialog to enter a new date in the same format as is read from the input file. The new date, if valid, should be displayed in the unsorted and sorted text areas of the GUI. If the date is invalid it should be printed to the console. You will need to write a second menu handler called *EditMenuHandler*.

Create a jar file called **Project3.jar** and submit that to Blackboard by the due date for full credit.