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## **COP 3003 Assignment #1 – Fall 2013**

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Write a Java program composed of two classes, as follows:

- The first class, named **Counter**, should follow the specification given in the PDF file placed on the course website, in Module #1, link named *Problem Description in C++ Terms* (it's two sections from a book). The class should be a part of a separate package named: **cop3003\_pkg**
- The second class, with the name of your choice, should be used for thorough testing of the **Counter** class, with the `main()` method and respective object declarations, method calls, and interaction with the operator or a file for taking test parameters.

Tips for the initial setup of these classes have been given in the Wednesday, August 28, meeting and sample programs have been placed on the course website.

The testing has to be thorough and involve operation of all methods of the class, and all possible behaviors of each method.

Amendment. Each method in the `Counter` class should return a value, whether an integer as required by its functionality, or a boolean to show to the caller if there was or wasn't any overflow or underflow (or the operation was successful or not).

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- Form of submission: *email source code in 2 separate files (no zip files) to Instructor at zalewski@fgcu.edu with the subject line: "COP 3003 Assignment #1"*
  - Deadline: September 4 (Wednesday) Midnight
  - Grade: max 10 pts
  - Tardiness: 2 pts per day
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