CS 173 ADT Assignment
Due October 8, 2014

Make an object oriented design for a program that allows users to declare variables of type "fraction." Users should be able to add, subtract, multiply, and divide fractions. They should also be allowed to reduce to lowest terms and check for equality.

Implement your design using three files: a header file for the fraction class, a source file for the fraction class, and a user program that declares some fractions and tries out all of the operations provided by the fraction class.

Design a set of tests to perform on the program to build confidence that the program is correct. You should plan to test each individual function, as well as the program as a whole.

Your design is due on October 6 and the implementation on October 8.