
Course:	CS 355
Semester:	Fall2012
Assignment Number:	1
Assignment Type:	Homework 1
Assignment Description:	Complete Fraction class started in class on Thursday
Assignment Due Date:	Tuesday, August 28, 2012 (precisely at 12:30 p.m.)
To Be Included in Portfolio:	YES
Grade:	

You should complete a Fraction class with two integer data members representing the numerator and denominator of a Fraction. This was started in class on Thursday. If you were absent, you are still responsible for the work.

Requirements:

1. Be able to instantiate a Fraction with no parameters, one parameter representing the numerator, two parameters representing the numerator and denominator respectively.
2. Create the following operations as methods:
 - a. operator +
 - b. operator –
3. Create the following operations as friend functions:
 - a. operator *
 - b. operator /
 - c. operator << (optional, may implement as method called print)
 - d. operator >> (optional)
4. Create a driver program to thoroughly test class.
5. The class header should be in Fraction.h, the class implementation should be in Fraction.cpp, and the main function and helper routines should be in driver.cpp.