

Create a project called daily6 and a source file called daily6.cpp.

Modify your daily5 project to add more functionality to your Rational class.

Overload the following operators as friend functions:

Addition (+), subtraction(-), multiplication(\*), and division(/).

Each of these operations should evaluate as a Rational number in simplest form and should be able to operate on a Rational and an integer promoted to a Rational as either argument.

Overload the following Boolean operators as friend functions:

Less than, greater than, less than or equal, greater than or equal, equal and not equal.

Overload the pre and post version of the increment and decrement operators (++ and --).

Your program should be submitted with a suitable test program that demonstrates all of these operators in working order.

Turn in your daily6.cpp file on Blackboard.