

Starting with the code you developed in HW5, make the following additions (be sure you update your `main` function to test the new features in this assignment).

1. Modify your class `MyComplex` such that the extraction function will skip any white space and accept all forms that may be produced by the insertion operator (both parts, real only or imaginary part only).
2. Add a function to allow the `/` operator where the left operand is `MyComplex` and the right operand is `double`.
3. Add overloaded versions of your functions for addition, subtraction and multiplication to allow either the first operand or the second operand to be `double` instead of `MyComplex`.
4. Add an overloaded function for the division operator to allow the division of two `MyComplex` numbers. (to do this, multiply both the numerator and denominator by the conjugate of the denominator. This will produce a denominator that has zero for its imaginary part. You can then use real part of this result and the version of the division implemented in part 2).
5. Supply a complete program that exercises your class. (Be sure you also exercise features from the previous versions).

You must supply a listing of your program and sample output.