

# CS 197C: Quiz 3

Due: In Spark, September 23, 2011

**Note:** These quizzes are designed to be quick reminders of what you learned in class. You should not need to discuss this with your classmates. The lecture notes should be enough to help you finish. Therefore, please complete and turn in your quiz into Spark by yourself.

For the following problems, please refrain from simply writing the code out and compiling it to obtain the answer. The purpose of the exercise is to give you practice in analyzing code; if you just run it, you're only cheating yourself out of the practice.

1. When constructing a class B that is a subclass of class A, in what order are the constructors and destructors called?
2. How do you rewrite the operator expression “`cin >> int1`” in method notation?
3. Name and describe five stream manipulators.
4. Where should class declarations go? Where should class definitions go?
5. Say you wanted to overload the operator `+` for the class `ComplexNumber`. What the is the method signature for the operator overload?