# LAB 16 – Interfaces

**10 Points**

1. Download the following files from Blackboard: Dog.java, Fancy.java, Pet.java, and PoodleDriver.java. PoodleDriver contains the main method and is the test driver for this lab. There is also a text file with a sample execution of the PoodleDriver class.
2. Create a class called Poodle.java.

* This class extends Dog and implements Pet and Fancy. Poodle will add a String variable color.
* Extend Dog first. Dog has an abstract method that must be implemented. You have to comment out part of PoodleDriver to get this to compile.
* Implement Pet next adding back some of the commented code in PoodleDriver. Test your program.
* Implement Fancy next. Remember with an interface all the methods must be implemented. In the interest of time all methods are void and do nothing more than print out messages. Open the text file to see some samples. Include a block comment at the beginning of your file that includes your name, date, course and section number.

1. Test the Poodle class. Add a line that outputs your name.
2. Upload a copy of your Poodle class to Blackboard as your lab assignment.