**ICS 108 – Object-Oriented Programming**

**Lab # 13 –** **Interfaces**

**Objectives:**

In this lab, the following topic will be covered:

1. Interfaces

**Task**

Listed next is the skeleton for a class named City. Each city has a name and temperature:

**public class** City **implements** Comparable<City>, Cloneable {  
 **private** String **cityName**;  
 **private int temperature**;  
  
}

Flesh out the class with appropriate constructors and methods. Compare objects of the City class depends on the temperature. Override the equals and the toString methods. Test your class by creating an array of sample cities (clone some cities).