**ICS 108 – Object-Oriented Programming**

**Lab # 14 –** **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, Cloneable {

**private** String cityName;

**private int** temperature;

}

Flesh out the class with appropriate constructors and methods. Compare instances of the City class depends on the temperature. Test your class by creating an array of sample cities (clone some cities) and sort them in an ascending order using Arrays.sort