

## OOP - Exercise March 05, 2015

1. Suppose you are given a plain text file, "countries.csv" that has names of countries(String), their areas(Double, square miles) and populations(integers). The file has over 200 lines, each of the form  
"Afghanistan" , 250000, 31108077

Write a Java program to read in this file, and write three separate files each of which has the countries sorted according to Name, Area and Population respectively. Call the files countries\_by\_name.txt, countries\_by\_area.txt and countries\_by\_population.txt. Use a Country class to encapsulate the properties of countries.

**Use anonymous Comparator classes to do all sorting. You need not define a default comparison for countries.**