You are given a list of strings, where each string represents the name of a city. Your task is to write a Java program that counts the number of occurrences of each city in the list and displays the results in descending order of frequency. The program should also ignore case when counting the occurrences of the cities.
Here are the specific requirements for the program:

1. Create a class called CityCounter that contains a method called countCities. The method should take a List<String> parameter representing the list of city names.
2. Inside the countCities method, create a HashMap<String, Integer> object to store the city names and their corresponding frequencies.
3. Iterate through the list of city names, and for each city name, add it to the HashMap with a frequency of 1 if it does not already exist, or increment its frequency by 1 if it does.
4. After iterating through the entire list of city names, sort the HashMap by value in descending order. If two cities have the same frequency, they should be sorted alphabetically by name.
5. Finally, print out the results in the following format: CityName: Frequency

For example, if the input list contains the following cities:
["New York", "Paris", "Paris", "London", "new york", "Sydney", "Paris", "Sydney", "Sydney"]
The output should be:
Paris: 3 Sydney: 3 New York: 2 London: 1
Note that the city names "New York" and "new york" are treated as the same city and should be counted together. Also, the output should be case-sensitive and sorted by frequency in descending order, then by name in ascending order.