Lists of Cities

An international sports championship is taking place in July. Organizers are trying to decide where to hold the contest. To make the decision, each of the 5 judges will submit a short list of cities (possible locations). Each of the 5 judges may recommend any number of cities (in one String).

Each short list is taken from a complete list of possible cities (see below). Some city names may include a blank space, such as Los Angeles. Each city on the complete list starts with a **unique letter** of the alphabet. A judge’s list will have only the first letter of each city they are recommending. It will be a String of capital letters of unknown length, always in alphabetical order.

Your code will “translate” each of the 5 short lists into a list of city names to be displayed on a single line separated by blank space. You can display each line, one at a time.

You must read TWO data files: the Complete List, and the 5 short lists.

To get full marks, your coded solution must use either an **Array** or an **ArrayList**.

Sample input: Sample output:

FJP Frankfurt Johannesburg Paris

CLMT Calgary Los Angeles Madrid Toronto

BEMPR Boston Edmonton Madrid Paris Rio de Janeiro

CTW Calgary Toronto Winnipeg

AGJLP Atlanta Geneva Johannesburg Los Angeles Paris

Complete List of Cities

Atlanta

Boston

Calgary

Edmonton

Frankfurt

Geneva

Johannesburg

Los Angeles

Madrid

Paris

Rio de Janeiro

Toronto

Winnipeg