**STL Map**

Creates a lookup table. You can map objects of one data type to that of another.

Defined in the header -> map

**Problem** : Monazir, a little panda, has a list of N names and their 6-digit IDs, execute Q queries. Each query asks for the ID of a person. If the person does not exist in the list print “Sorry bro!” (without quotes) else print his/her ID. Interestingly, Monazir has just returned from CIIPPUS night and is a bit high. So he may give you repeated names. So before answering any query print the number of unique names in the list.

Input:

8

Arya 332981

Jon 123451

Robb 897641

Sansa 341887

Arya 332981

Jon 123451

Bran 332819

Rickon 231245

3

Arya

Meera

Jon

Output:

6

332981

Sorry bro!

123451

Solution using map :<http://ideone.com/tpJV8I>

Many operations and algos can be applied on an stl map:

http://www.cplusplus.com/reference/map/map/

Practice problems : [www.spoj.com/problems/HOMO](http://www.spoj.com/problems/HOMO)