

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