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# Attendance

Problem Code: ATTND

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Chef is teaching a cooking course. There are  $N$  students attending the course, numbered 1 through  $N$ .

Before each lesson, Chef has to take attendance, i.e. call out the names of students one by one and mark which students are present. Each student has a first name and a last name. In order to save time, Chef wants to call out only the first names of students. However, whenever there are multiple students with the same first name, Chef has to call out the full names (both first and last names) of all these students. For each student that does not share the first name with any other student, Chef may still call out only this student's first name.

Help Chef decide, for each student, whether he will call out this student's full name or only the first name.

## Input

- The first line of the input contains a single integer  $T$  denoting the number of test cases. The description of  $T$  test cases follows.
- The first line of each test case contains a single integer  $N$ .
- $N$  lines follow. For each valid  $i$ , the  $i$ -th of the following  $N$  lines contains two space-separated strings denoting the first and last name of student  $i$ .

## Output

For each test case, print  $N$  lines. For each valid  $i$ , the  $i$ -th of these lines should describe how Chef calls out the  $i$ -th student's name — it should contain either the first name or the first and last name separated by a space.

## Constraints

- $1 \leq T \leq 100$
- $2 \leq N \leq 100$

- all first and last names contain only lowercase English letters
- the lengths of all first and last names are between 1 and 10 inclusive

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## Subtasks

**Subtask #1 (100 points):** original constraints

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## Example Input

```
1
4
hasan jaddouh
farhod khakimiyon
kerim kochekov
hasan khateeb
```

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## Example Output

```
hasan jaddouh
farhod
kerim
hasan khateeb
```

Author: 6★ [kingofnumbers \(/users/kingofnumbers/\)](/users/kingofnumbers/)

Editorial: <https://discuss.codechef.com/problems/ATTND>  
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Tags: [brute-force \(/tags/problems/brute-force/\)](/tags/problems/brute-force/), [cakewalk \(/tags/problems/cakewalk/\)](/tags/problems/cakewalk/), [kingofnumbers \(/tags/problems/kingofnumbers/\)](/tags/problems/kingofnumbers/), [ltime71 \(/tags/problems/ltime71/\)](/tags/problems/ltime71/), [maps \(/tags/problems/maps/\)](/tags/problems/maps/), [taran\\_1407 \(/tags/problems/taran\\_1407/\)](/tags/problems/taran_1407/)

Date Added: 25-04-2019

Time Limit: 1 secs

Source Limit: 50000 Bytes

Languages: C, CPP14, JAVA, PYTH, PYTH 3.6, PYPY, CS2, PAS fpc, PAS gpc, RUBY, PHP, GO, NODEJS, HASK, rust, SCALA, swift, D, PERL, FORT, WSPC, ADA, CAML, ICK, BF, ASM, CLPS, PRLG, ICON, SCM qobi, PIKE, ST, NICE, LUA, BASH, NEM, LISP sbcl, LISP clisp, SCM guile, JS, ERL, TCL, kotlin, PERL6, TEXT, SCM chicken, PYP3, CLOJ, R, COB, FS

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CodeChef was created as a platform to help programmers make it big in the world of **algorithms**, **computer programming**, and **programming contests**. At CodeChef we work hard to revive the geek in you by hosting a **programming contest** at the start of the month and two smaller programming challenges at the middle and end of the month. We also aim to have training sessions and discussions related to **algorithms**, **binary search**, technicalities like **array size** and the likes. Apart from providing a platform for **programming competitions**, CodeChef also has various algorithm tutorials and forum discussions to help those who are new to the world of **computer programming**.

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