Time Limit: 1sec

Memory Limit:256MB

Сору



Description

Given a valid identifier in C programs, please write a program to reverse it by respectively reversing two parts separated by '_'.

Input

The first line is an integer m, indicating the number of test cases.

Then there are m lines and each line contains a string. A string will contain no more than 100 characters and there is one or less '__'.

Output

For each test case, print out the string reversed.

Sample Input Copy

```
3
John_Smith
int_45
_me
```

Sample Output

nhoJ_htimS tni_54 _em

Problem Source: 10级CS程序设计

Status Submit Source Code

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