

# Cyber encoded Gloves...

## Problem Statement

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As a monster lived thousandS of years, Yakumo Yukari got many pairs of gloves. One day, she found that she lost one of the gloves. Luckily(?), each pair of gloves is encoded into a 7 characters name. So the same pair of gloves will have same encoded name.

Yakumo Yukar has caught you, and forced you to help her to find which glove is missing...

## Input

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There are multiple cases. The first line containing an integer  $n$  ( $1 \leq n \leq 1000000$ ) indicates that the  $n$  pairs of glove Yukari has. For the following  $2*n-1$  lines, each line is a string with 7 characters (any characters that can find on the keyboard), indicating the encoded name of the glove.

## Output

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For each test case, output encoded name that one of the glove is missing from the input.

## Sample

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Input	Output
2	qfT8 )Z
gWjbb (<	1234567
qfT8 )Z	
gWjbb (<	
1	
1234567	