Problem F. Da Mi Lao Shi Ai Kan De

Input file:	`standard input`
Output file:	`standard output`
Time limit:	1.5 seconds
Memory limit:	1024 megabytes

Grammy has joined $n + 1$ QQ groups numbered $0 \sim n$. Teacher Rice is in the group 0.

Every day, Grammy's friends send messages to some groups in $1 \sim n$, and Grammy will select the messages which Teacher Rice likes and forward them to the group 0.

Here we define a message as a string consisting of lowercase letters, and Teacher Rice likes a message if and only if the string "`bie`" is a substring of the message.

Now, given the messages in groups $1 \sim n$, Grammy will search messages from group 1 to group n in order, checking the messages in the group one by one. For each message, pick out it if Teacher Rice likes it and it hasn't appeared in group 0, and forward it to group 0. Here appear means the same message has been forwarded to group 0 before.

Please output all the messages that Grammy will forward to group 0 in order. For each group, if Grammy can't pick out any message, output "`Time to play Genshin Impact, Teacher Rice!`" in one line.

Input

The first line contains a single integer n ($1 \le n \le 10^4$), denoting the number of QQ groups. The following lines describe the messages in groups 1 to n.

For the i-th group, the first line contains an integer m_i ($0 \le m_i \le 10^4$), denoting the number of messages in this group. The following m_i lines each line contains a non-empty string $s_{i,j}$ representing a message.

It is guaranteed that $\sum m_i \le 10^4$, $\sum |s_{i,j}| \le 10^4$ and all the messages only consist of lowercase letters.

Output

Output each message in a line, denoting all the messages that Grammy will forward to group 0 in order. For each group, if Grammy can't pick out any message, output "`Time to play Genshin Impact, Teacher Rice!`" in one line.

Example

standard input	standard output
6 1 biebie 1 adwlknafdoaihfawofd 3 ap ql biebie 2 pbpbpbpbpbpbpbpb bbbbbbbbbbie 0 3 abie bbie cbie	biebie Time to play Genshin Impact, Teacher Rice! Time to play Genshin Impact, Teacher Rice! bbbbbbbbbbie Time to play Genshin Impact, Teacher Rice! abie bbie cbie