
Cooking Competition

Input file: **standard input**
Output file: **standard output**
Time limit: 1 second
Memory limit: 256 megabytes

“Miss Kobayashi’s Dragon Maid” is a Japanese manga series written and illustrated by Coolkyoushinja. An anime television series produced by Kyoto Animation aired in Japan between January and April 2017. In episode 8, two main characters, Kobayashi and Tohru, challenged each other to a cook-off to decide who would make a lunchbox for Kanna’s field trip. In order to decide who is the winner, they asked n people to taste their food, and changed their scores according to the feedback given by those people. There are only four types of feedback. The types of feedback and the changes of score are given in the following table.

Type	Feedback	Score Change (Kobayashi)	Score Change (Tohru)
1	Kobayashi cooks better	+1	0
2	Tohru cooks better	0	+1
3	Both of them are good at cooking	+1	+1
4	Both of them are bad at cooking	−1	−1

Given the types of the feedback of these n people, can you find out the winner of the cooking competition (given that the initial score of Kobayashi and Tohru are both 0)?

Input

There are multiple test cases. The first line of input contains an integer T ($1 \leq T \leq 100$), indicating the number of test cases. For each test case:

The first line contains an integer n ($1 \leq n \leq 20$), its meaning is shown above.

The next line contains n integers $a_1, a_2, \dots, a_n$ ($1 \leq a_i \leq 4$), indicating the types of the feedback given by these n people.

Output

For each test case output one line. If Kobayashi gets a higher score, output “Kobayashi” (without quotes). If Tohru gets a higher score, output “Tohru” (without quotes). If Kobayashi’s score is equal to that of Tohru’s, output “Draw” (without quotes).

Example

standard input	standard output
3	Kobayashi
3	Tohru
1 2 1	Draw
2	
2 4	
2	
3 4	

Note

For the first test case, Kobayashi gets $1 + 0 + 1 = 2$ points, while Tohru gets $0 + 1 + 0 = 1$ point. So the winner is Kobayashi.

For the second test case, Kobayashi gets $0 - 1 = -1$ point, while Tohru gets $1 - 1 = 0$ point. So the winner is Tohru.

For the third test case, Kobayashi gets $1 - 1 = 0$ point, while Tohru gets $1 - 1 = 0$ point. So it's a draw.