2E – Vote count

A vote is held after singer A and singer B compete in the final round of a singing competition. Your job is to count the votes and determine the outcome.

Input

There are several test cases. Each one consist of two lines. The first line will contain V ($1 \leq V \leq 15$), the total number of votes. The second line of input will be a sequence of V characters, each of which will be A or B, representing the votes for a particular singer.

Output

The output will be one of three possibilities:

- A, if there are more A votes than B votes;

- B, if there are more B votes than A votes;

- Tie, if there are an equal number of A votes and B votes.

Example

Input:
6
ABBABB

Input:
6
ABBABA

Output:
B

Output:
Tie