Problem D
Ai Game

Fausta and Tresno are playing a game called *Ai Game*. The game involves a sequence of N positive integers $(A_1, A_2, \ldots, A_N)$.

The players take turns, with Fausta going first. Each turn, the current player must:

- choose an index i such that $1 \leq i \leq N$ and $A_i \leq N$, then
- replace A_{A_i} with $A_{A_i} + A_i$.

If a player is unable to move on their turn, i.e., $A_i > N$ for all $1 \leq i \leq N$, that player loses and the opposing player wins. If the game has not ended after 10^{100} turns, the game is declared a draw. Each player prefers a win to a draw and a draw to a loss.

Assuming both players play optimally, determine whether Fausta wins, Tresno wins, or the game ends in a draw.

Input

The first line contains an integer N ($1 \leq N \leq 200\,000$), the length of the sequence.

The second line contains N space-separated integers $A_1, A_2, \ldots, A_N$ ($1 \leq A_i \leq 10^9$).

Output

Output a single line containing `Fausta` if Fausta wins, `Tresno` if Tresno wins, or `Draw` if the game ends in a draw.

Sample 1

Sample Input	Sample Output
1 1	Fausta

Explanation of Sample 1: Fausta's only legal move is to choose $i = 1$, then replace A_{A_1} (that is, A_1) with $A_{A_1} + A_1 = 1 + 1 = 2$. Now, the sequence has the single element 2.

Tresno then has no more legal moves. Therefore, Fausta wins.

Sample 2

Sample Input	Sample Output
3 23 23 23	Tresno

Explanation of Sample 2: Initially, every element is greater than $N = 3$, so Fausta has no legal move on the first turn. Fausta immediately loses and Tresno wins.

Sample 3

Sample Input	Sample Output
2 2323 1	Draw

Explanation of Sample 3: On every turn, the only legal move is to choose $i = 2$, increasing A_{A_2} (that is, A_1) by 1. Neither player will win after 10^{100} turns, so the game is declared a draw.