## Poker Nim

Poker Nim is another 2-player game that's a simple variation on a Nim game. The rules of the games are as follows:

- The game starts with $n$ piles of chips indexed from 0 to $n-1$. Each pile $i$ (where $0 \leq i<n$ ) has $c_{i}$ chips.
- The players move in alternating turns. During each move, the current player must perform either of the following actions:
- Remove one or more chips from a single pile.
- Add one or more chips to a single pile.

At least 1 chip must be added or removed during each turn.

- To ensure that the game ends in finite time, a player cannot add chips to any pile $i$ more than $k$ times.
- The player who removes the last chip wins the game.

Given the values of $n, k$, and the numbers of chips in each of the $n$ piles, determine whether the person who wins the game is the first or second person to move. Assume both players move optimally.

## Input Format

The first line contains an integer, $T$, denoting the number of test cases.
Each of the $2 T$ subsequent lines defines a test case. Each test case is described over the following two lines:

1. Two space-separated integers, $n$ (the number of piles) and $k$ (the maximum number of times an individual player can add chips to some pile $i$ ), respectively.
2. $n$ space-separated integers, $c_{0}, c_{1}, \ldots, c_{n-1}$, where each $c_{i}$ describes the number of chips at pile $i$.

## Constraints

- $1 \leq T \leq 100$
- $1 \leq n, k \leq 100$
- $1 \leq c_{i} \leq 10^{9}$


## Output Format

For each test case, print the name of the winner on a new line (i.e., either First or Second).

## Sample Input

$\begin{array}{lll}3 & 5 & \\ 2 & 1 & 3\end{array}$

## Sample Output

First
Second

