4RETO 11 MARATÓN

The little elephant love their land much. His greatest love is in the village of "Mogotes" However, to establish Mogotes is small, so the Little Elephant wants to go to some other city. The little elephant does not like spending a lot of time traveling, so for the trip is to choose a city that needs a minimum time to arrive. If there are multiple cities with the same condition, the little elephant will not.

For each village, except Mogotes, we know the time to travel to this city. I seek the city that year the little elephant will print "I stay in Mogotes" if you stay in Mogotes.

SPANISH VERSION

Input

The first line contains an integer n (1 ≤ n ≤ 105) - the number of cities. The next line contains n integers, separated by spaces: the i-esimo integer represents the time required to go from village Mogotes to the i-esima city. Time values are positive integers, not exceeding 109.

You can consider the cities numbered 1 through n, inclusive. Hummocks not among the cities

Output

Print the answer in a single line - the number of the population that the little elephant will. If there are multiple cities with the same minimum travel time, print "I stay in Mogotes" (without the quotes).

In the first example there are only two cities where the little elephant can go. The travel time to the first city equals 7, the second is 4. Mogotes nearest city is the second, so the answer is two.

In the second example the nearest cities are the cities of two and five, the travel time of the two equals 4, so the answer is "I stay is Mogotes".

Example

Input:
2
7 4

Output:
2

Input:
7
7 4 47 100 4 9 12

Output:
me quedo en mogotes