UNIQUE NUMBER



There is given sequence of positive integers. It is known that one of numbers in this sequence is present only once, but others exactly k(k>1) times each.

Write a program which founds this number which is present in sequence only once!

Input

In the first line of text file unique.in one positive integer $n(n \le 2000001)$ is given - total number of sequence elements.

Each of the next n file lines contains one sequence element. i-th sequence element is given in the file's i+1-st line. Any element does not exceed 2147483647.

Output

In the only line of text file unique.out program must output one integer - number which is present in sequence only once.

unique.in	unique.out
13	295
537	
295	
210	
413	
413	
210	
413	
210	
413	
210	
537	
537	
537	

Example