

Oldest person

We know the birth date (year, month, day) of N people.

Write a program that gives the index of the oldest person.

Input

The first line of the *standard input* contains the count of people ($1 \leq N \leq 100$). The next N lines contain the birth year ($1900 \leq Y \leq 2014$), month ($1 \leq M \leq 12$) and day ($1 \leq D \leq 30$) of the given person.

Output

The first line of the *standard output* should contain the index of the oldest person (if there is more than one solution, give the one with the smallest index).

Example

<i>Input</i>	<i>Output</i>
5	3
1957 1 20	
2000 1 22	
1917 1 8	
2001 2 22	
1950 5 5s	

Limits

Time limit: 0.1 second

Memory limit: 32 MB

Evaluation: In 40% of tests, the count of data is ≤ 20