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Euler

"In mathematics, theorems are named after the second person to discover them, for the first is always Euler."

Leonhard Euler was a brilliant mathematician who made significant advancements in many areas of math and science, and hence has a lot of things named after him^[1]. In this problem, you will figure out whether Euler was the first one to discover a theorem.

Input

A test case begins with an integer **N** ($1 \le N \le 1000$). **N** lines follow, each containing a person's name **S** and a year **Y**, which means that person **S** discovered the theorem in year **Y**. No two people will discover a theorem in the same year.

Output

Output the name of the first person to discover the theorem.

Sample Input	Sample Output
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2 Euler

Euler 1750 Gauss 1800

Sample Input Sample Output

3 Fermat

Gauss 1812 Fermat 1614

Sample Input Sample Output

5 Euler

Weierstrass 1858 Cantor 1902 Euler 1743

Raza 2012

Tilikaynen 2016

Euler 1730