



Objective

During a seminar with your company in an exotic country, you have the opportunity to participate in several activities. The excursion to an island looks nice but you prefer to take part in the 2-day hike. The scenery on the paths is beautiful and you've never slept under the stars before.

You've been gone for more than 10 hours and unfortunately not everything is going according to plan. It rains a lot, the landscapes are not that nice and you are exhausted. You thought resting in the tents was going to make you feel better, but you realize there's one missing.

The sun is almost down and you have to find a solution quickly. It's decided, a person has to sacrifice himself and it's going to be a short straw. You collect as much piece of wood as there are people and each your turn you will draw one. Whoever pulls the smallest piece of wood will sleep without a tent.

You need to determine the first name of the person who is going to sleep without a tent.

You are assured that there is no equality possible.

Data format

Input

Row 1: an integer **N** between 10 and 100 corresponding to the number of people participating in the hike.

Rows 2 to **N+1**: a string comprising between 5 and 10 lower case characters and a integer between 1 and 1000 separated by a space representing respectively the first name of a participant and the length of his piece of wood in centimeters.

Output

The first name of the person who will sleep without a tent.

