oki likes toys. His friend Koci decided, he wants to give Coki one of his toys.

Koci lists all his toys, with two factors: his, Koci's, like factor of this toy, and Coki's like factor of this toy.

Since Coki is a good boy, he wants to get the toy, that has a minimal positive difference between the two likes. If two toys have the same difference, pick the one which Koci likes less. For more details, refer to the examples below.

Coki is a good boy, but not that smart... Please help him!

### **Input**

Read from the standard input

* On the first line, find the number **N**
  + The number of toys
* On the next **N** lines, find the name of the toy with its two factors
  + The format is "TOY\_NAME KOCIS\_LIKE\_FACTOR COKIS\_LIKE\_FACTOR", without the quotes
  + TOY\_NAME is any string, containing between 3 and 50 lowercase latin alphabet letters or underscore ("\_")
  + KOCIS\_LIKE\_FACTOR and COKIS\_LIKE\_FACTOR are 32-bit integers

### **Output**

Print on the standard output

* On the single line, print the TOY\_NAME of the selected by Coki toy

### **Constraints**

* 3 <= N <= 106

### **Sample tests**

#### **Input**

Copy

5

a\_ball 3 5

iphone 10 2

wooden\_horse 4 5

dragon\_knight 5 6

lego 5 4

#### **Output**

Copy

wooden\_horse

#### **Explanation**

* "a\_ball" has a difference of 2
* "iphone" has a difference of -8
* "wooden\_horse" has a difference of 1
* "dragon\_knight" has a difference of 1
* "lego" has a difference of -1

The answer is "wooden\_horse", because this is the minimal positive difference and Koci likes it less than "dragon\_knight".