Cheerio Contest 1 J2 - Phys Ed Class

Time limit: 1.0s   **Memory limit:** 512M

A strange game is being played in P.E. class. In the game, N students are standing in a line, with the ith student standing p_i meters away from the school. A ball is dropped on this line at a point T meters from the school. Students run towards the ball at a speed of one meter per second, and the first student to reach the ball wins. It is guaranteed that only one student will win. Can you determine which student will win the game?

Constraints

For all test cases:

- $1 \leq N \leq 2 \times 10^5$
- $0 \leq T, p_i \leq 10^9$
- Each student's name will not exceed 20 characters.
- All student names are distinct.
- There is only one winner.

Note: You must pass all test cases in order to earn points on this problem.

Input Specification

The first line contains two integers N and T.

The next N lines each contain a string, the name of the ith student and an integer p_i.

Output Specification

Output the name of the student who will win.

Sample Input

```
5 10
Alice 2
Bob 7
Carol 8
Dave 13
Eve 17
```

Sample Output

Carol