Discerning Discounts

Benji loves his money very much; however, he is also obsessed with wasting money when he sees discounts. What a tragedy!

Benji wants you to help him determine if an item is worth it to purchase.

He found N items in a store, with the i-th item having an original price of c_i and a discount of d_i in percent off. He will also tell you T, his threshold.

Input Specification

The first line of the input will contain two integers N $(1 \leq N \leq 10^6)$ representing the number of items, and T $(0 \leq T \leq 10^9)$, his threshold.

The next N lines will contain two integers c_i $(1 \leq c_i \leq 10^9)$ and d_i $(0 \leq d_i \leq 100)$ where $(0 \leq i \leq N)$.

Output Specification

Output an integer K the number of items Benji can purchase whose price is less than or equal to his threshold.

Sample Input

```
5 7
100 90
100 93
100 95
10 10
10 40
```

Sample Output

```
3
```

Explanation

Benji can buy the second, third, and last item. After discount, the first item cost 10, the second item cost 7, the third item cost 5, the forth item cost 9, and the fifth item cost 6.