Young employees

A company stores the age and salaries of its employees.

Write a program that lists those employees who are younger than a given L year.

Input

The first line of the *standard input* contains the count of employees ($0 \leq N \leq 100$) and the age limit ($1 \leq L \leq 100$). The next N lines contain the age ($1 \leq A \leq 100$) and salary ($1 \leq S \leq 2\,000\,000$) of an employee each.

Output

The first line of the *standard output* should contain the count of employees who are younger than L years, and their indexes in increasing order, separated by spaces.

Example

Input	Output
6 30	2 3 5
42 150000	
33 100000	
25 600000	
66 80000	
25 200000	
42 800000	

Limits

Time limit: 0.1 second

Memory limit: 32 MB

Evaluation: In 40% of tests, the count of data is ≤ 20