Dungeon Explorer

Time Limit: 1s
Memory Limit: 256 MB

Description

Given **n** numbers of people, each with **name** and **strength** level, determine the person that may survive in a dungeon that requires a minimum strength of **x**

Input Format

The first line contains an integer **n**, the number of people
The next **n** lines contain pairs of **name** (string) and **strength** (int) level of each person
The last line contains an integer **x**, the minimum strength level required to enter the dungeon

Output Format

Print in the format of a list the names of people whose **strength** level is strictly larger (>) than **x**. It is guaranteed that atleast fit this criteria

Constraints

$1 \leq n \leq 100$
$0 \leq strength,\ x \leq 100$
$1 \leq strlen(name) \leq 16$

IMPORTANT: Use struct pls

Example

Input
5 Alice 60 Bob 45 Charlie 50 Dave 40 Evan 55 50
Output
Alice Evan

Explanation
There are 5 people that wanted to enter the dungeon:
Alice with 60 strength level
Bob with 45 strength level
Charlie with 50 strength level
Dave with 40 strength level
Evan with 55 strength level
The minimum strength required to enter the dungeon so that you can survive inside is 50. The people that have the strength level above 50 are Alice and Bob.
Charlie have strength level of 50, but keep in mind that we only want those that are strictly larger, so the comparison should be '>', not '≥'

Therefore, print Alice and Evan, with the order of printing is based on the order of input

Hint
You can use struct to store both the name and strength level of each person. Then, you just need to create an array of struct to store all the people