C++ Fundamentals Exam

The following tasks should be submitted to the SoftUni Judge system.

Task 3 – Pet Exhibition

Several pets are competing in an exhibition. They receive different scores from the judges. Your task is to write a program which prints the pets' names, who are still part of the exhibition, ordered from best to worst by score.

Write a class Pet with the following fields:

- name
- age
- score

Create a vector/list of **Pet**s where you can put the information for each participant.

- If the pet's age is greater than or equals 12, their score increases with 2.5 points.
- If the pet's score is **lower than 4**, the pet is disqualified from the exhibition (removed from the vector)

Input

On the first line, you are given a number of participants - an integer.

On the **following lines**, you are given:

name: string age: int

score: double - [0.00...10.00]

Output

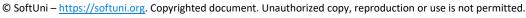
- On the first line print the pet's names from best to worst scoring.
 - If two or more pets have the same result, priority in the order has the one entered first in the list.

Note: All the numbers are positive.

Examples

Input	Output	Comments
6	Erik Poki Bari Lisa	There are 6 participants and information
Lisa 12 2		for each of them is added. If a pet is or is older than 12, 2.5 points are
Sharo 4 2.5		added to their score.
Poki 3 6		Lisa is 12 -> Lisa's score increases to 2 + 2.5
Bari 13 3.5		= 4.5 Bari is 13 -> Bari's score increases to 3.5 +
Erik 7 7		2.5 = 6
Harry 9 3		If a pet has a score below 4 points, it should be removed from the list.
		Sharo's score is 2.5 (2.5 < 4) -> the participant is removed from the list.
		Harry's score is 3 (3 < 4) -> the participant
		is removed from the list.













		The pets are sorted by their score (from best to worst). Poki and Bari have the same result but the first is the one entered first in the list. The final result is: Erik Poki Bari Lisa
5	Charlie Tom Adam Rex	
Charlie 14 8		
Adam 11 5		
Rex 2 4		
Sara 1 3		
Tom 5 10		











