C++ Advanced - Exam (18 June 2022)

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

Only source code will be accepted as solution for each task.

3. Twins

Pepi and Mimi are twin sisters. All their life they have been together. They live together, they work at the same place. Currently Pepi and Mimi are working at the famous big food store Kauf...brand. They are working **simultaneously** as cashiers on two adjacent cash registers (каси в супермаркет).

Your job is to implement a program that described their work routine **each minute** for some provided **period of time.**

Then a set of customers is provided - each with a **unique name** and a **number connected to him** (representing how many minutes it will take to be processed).

For each minute of the provided working routine time you should print:

- ✓ The **name of the customer** that is currently processed.
- ✓ If no customers are left for any of the girl cash registers – you should print "**Idle**"

Important note: First you should print Pepi's turn, then Mimi's.

Input

First read an **integer** (N) representing how many command lines will follow.

Then read N commands representing the customers.

Finally read an **integer** (T), which will indicate how many minutes of the twin's work routine you should describe with your program.

Restrictions

Time limit: 250ms (0.25s)
Memory limit: 16 MB

Example Input and Output

Input	Output

2 Pepi Ivan 3 Mimi Ibrahim 2 3	Pepi processing Ivan //turn 1 for Pepi Mimi processing Ibrahim //turn 1 for Mimi Pepi processing Ivan //turn 2 for Pepi Mimi processing Ibrahim //turn 2 for Mimi Pepi processing Ivan //turn 3 for Pepi Mimi Idle //turn 3 for Mimi
4 Pepi Ivan 2 Mimi Ibrahim 3 Pepi Toni 1 Pepi Minka 1 5	Pepi processing Ivan Mimi processing Ibrahim Pepi processing Ivan Mimi processing Ibrahim Pepi processing Toni Mimi processing Ibrahim Pepi processing Minka Mimi Idle Pepi Idle Mimi Idle
1 Mimi Manol 2 1	Pepi Idle //turn 1 for Pepi Mimi processing Manol //turn 1 for Mimi