Bombardiro Crocodilo

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✔ **Points:** 100 (partial)
🕐 **Time limit:** 3.0s
🗐 **Memory limit:** 512M

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❯ **Problem type**

⌄ **Allowed languages**
C, C++

Lore Drop:

Once a feared ruler, Bombardiro Crocodilo now lounges on his meatball throne, growing lazy and overconfident. But his spicy reign is being challenged. From every corner of the Pasta Plains, wild and chaotic warriors have arrived — the operatic elite: Tung Tung Tung Sahur, Tralalero Tralala, Lirili Larilla, and hundreds more with names too brainrot to remember. These warriors do not fight alone. They bring their squads, their memes, and their madness. Now, they must face each other in the sacred war ritual known only as... BattleQueue.

When a soldier arrives (REPORT x) (Operation 0), they must:

- Check if any of their teammates are already on the field (queue).

When the HQ bellows FIRE IN THE LASAGNA (Operation 1):

- The first soldier in the formation unleashes their operatic fury and leaves the field.

Your task is to print the soldier ID for every FIRE IN THE LASAGNA (Operation 1) order.

INPUT:

- The first line contains an integer T — the number of battlefronts (test cases). For each test case:
- A line with two integers S — the number of squads and Q — the number of battlefield commands.
- The next S lines each describe a squad:
- First an integer n — the number of soldiers in that squad.
- Followed by n unique integers — the soldier IDs (0 ≤ ID ≤ 999999).
- Followed by Q lines, each being one of:

0 x — Soldier x reports to the queue. 1 — The front soldier attacks and leaves the queue.

For the first batch

- Sum of the number of squads does not exceed 1000
- Sum of the number of soldiers does not exceed 1000

For the second batch

- Sum of the number of squads does not exceed 10^6
- Sum of the number of soldiers does not exceed 10^6

OUTPUT:

- For every '1' command, print the ID of the soldier who attacks (i.e., dequeued).
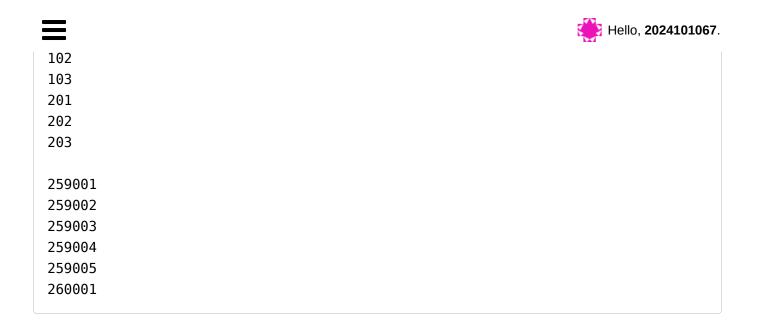- After each test case, output a blank line.

Example:

INPUT:

Copy

```
2 12
3 101 102 103
3 201 202 203
0 101
0 201
0 102
0 202
0 103
0 203
1
1
1
1
1
1
2 14
5 259001 259002 259003 259004 259005
6 260001 260002 260003 260004 260005 260006
0 259001
0 260001
0 259002
0 259003
0 259004
0 259005
1
1
0 260002
0 260003
1
1
1
1
```

OUTPUT:

Copy

```
102
103
201
202
203

259001
259002
259003
259004
259005
260001
```

❓ Clarifications

Report an issue

No clarifications have been made at this time.