



Associative Array

AC一覽

Problem Statement

You are given an array a with infinite length. Initially, all elements are 0. Process the following Q queries in order.

- 0 $k\ v$: $a[k] \leftarrow v$
- 1 k : Print $a[k]$

Constraints

- $1 \leq Q \leq 10^6$
- $0 \leq k, v \leq 10^{18}$

Input

Q
Query₀
Query₁
:
Query _{$Q-1$}

Sample

1

8
0 1 2
1 1
1 2
0 2 3
1 1
1 2
0 2 1
1 2

2
0
2
3
1

FORUM [↗](#)

Timelimit: 5 secs