

Problem A

In this problem, you need to create a singly linked list and insert integer values at the last of the linked list.

Input:

First line: n , a number. ($1 \leq n \leq 10^6$)

Next n lines: v , an integer ($-1000 \leq v \leq 1000$). Insert v at the last.

Output:

n lines, each containing the values stored in the linked list from head to tail.

Sample Case:

Input	Output
5	1
1	2
2	3
3	4
4	5
5	

Problem B

In this problem, you need to create a singly linked list. You will be given information of n students (name and roll) which you will insert at the first of the linked list.

You must use the template named "*template_B.cpp*" stored in the templates folder.

Input:

First line: n , a number ($1 \leq n \leq 10^6$).

Next n lines: *name roll*, a string and an integer ($1 \leq \text{name.length} \leq 100$, $1 \leq \text{roll} \leq 10000$).

Output:

Each line will contain the values stored in the linked list from head to tail.

Sample Case:

Input	Output
3 Alice 23 Bob 2 Janice 45	Janice 45 Bob 2 Alice 23