Print the Elements of a Linked List

This challenge is part of a MyCodeSchool tutorial track and is accompanied by a video lesson.

If you're new to *linked lists*, this is a great exercise for learning about them. Given a pointer to the *head* node of a linked list, print its elements in order, one element per line. If the head pointer is null (indicating the list is empty), don’t print anything.

Input Format

The first line of input contains n, the number of elements in the linked list. The next n lines contain one element each, which are the elements of the linked list.

Note: Do not read any input from stdin/console. Complete the printLinkedList function in the editor below.

Constraints

$1 \leq n \leq 1000$
$1 \leq list_i \leq 1000$, where $list_i$ is the i^{th} element of the linked list.

Output Format

Print the integer data for each element of the linked list to stdout/console (e.g.: using *printf*, *cout*, etc.). There should be one element per line.