Print the Elements of a Linked List

HackerRank

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

This is an exercise to practice traversing a *linked list*. Given a pointer to the *head* node of a linked list, print each node's $data$ element, one per line. If the head pointer is null (indicating the list is empty), there is nothing to print.

Function Description

Complete the *printLinkedList* function in the editor below.

printLinkedList has the following parameter(s):

- *SinglyLinkedListNode head:* a reference to the head of the list

Print

- For each node, print its $data$ value on a new line (console.log in Javascript).

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, the $data$ values for each node.

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.

Sample Input

```
2
16
13
```

Sample Output

```
16
13
```

Explanation

There are two elements in the linked list. They are represented as 16 -> 13 -> NULL. So, the printLinkedList function should print 16 and 13 each on a new line.