# **HackerRank**

# Print the Elements of a Linked List

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

This is an 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 < n < 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.