**Print the Elements of a Linked List**

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This challenge is part of a [MyCodeSchool](http://www.youtube.com/mycodeschool) tutorial track and is accompanied by a [video lesson](http://www.youtube.com/embed/vcQIFT79_50?theme=light).

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 void Print(Node\* head) method takes the head node of a linked list as a parameter. Each struct *Node* has a *data* field (which stores integer data) and a *next* field (which points to the next element in the list).

**Note:** Do not read any input from stdin/console. Each test case calls the *Print* method individually and passes it the head of a 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.

**Sample Input**

This example uses the following two linked lists:

NULL

1->2->3->NULL

 and  are the two head nodes passed as arguments to Print(Node\* head).

**Note:** In linked list diagrams, -> describes a pointer to the *next* node in the list.

**Sample Output**

1

2

3

**Explanation**

*Test Case 0: NULL*. An empty list is passed to the method, so nothing is printed.   
*Test Case 1: 1->2->3->NULL*. This is a non-empty list so we loop through each element, printing each element's data field on its own line.

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/\* Print elements of a linked list on console

head pointer input could be NULL as well for empty list

Node is defined as \*/

/\*

struct Node

{

int data;

struct Node \*next;

};\*/

void Print(Node \*head)

{

// This is a "method-only" submission.

// You only need to complete this method.

for(Node \*ptr = head; ptr != NULL; ptr = ptr->next) {

printf("%d\n", ptr->data);

}

}