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Returns the (n−k+ 1)th node in the list

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Problem	Submissions	Leaderboard	Discussions

Assume that you are given the head pointer of a singly linked list L created for Question 1 that contains n nodes, for some unknown integer n. Note that n is not part of the input. Write a program that implements the following function:

kLast: Takes as input the head pointer of a linked list and an integer k, such that $k≤n$, where n is the length of the list and returns the (n−k+ 1)th node in the list.

Input Format

The first line is the elements of the linked list. Second line is the value of k.

Constraints

k

Output Format

print the (n−k+ 1)th node in the list. Otherwise print -1.

Sample Input 0

```
12 35 50 59 60 73 90
3
```

Sample Output 0

```
60
```

Sample Input 1

```
12 35 50 59 60 73 90
10
```

Sample Output 1

```
-1
```

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Submissions: 135
Max Score: 10
Difficulty: Medium

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More

Current Buffer (saved locally, editable) ⑂ 🕐   [C ⌄]   ⛶ | ⚙

```c
1  #include <stdio.h>
2  #include <string.h>
3  #include <math.h>
4  #include <stdlib.h>
5
6  int main() {
7
8      /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9      return 0;
10 }
11
```

Line: 1 Col: 1

⬆ Upload Code as File   ☐ Test against custom input

Run Code   Submit Code