









Challenge 4: Find the Length of a Linked List

Let's write a function which can tell us the length of a linked list.

We'll cover the following

- Problem Statement
 - Input
 - Output
 - Sample Input
 - Sample Output
- Coding Exercise

Problem Statement

In this problem, you have to implement the length() function which will find the length of a given linked list.

Input

A linked list.

Output

The number of nodes in the list.



Sample Input



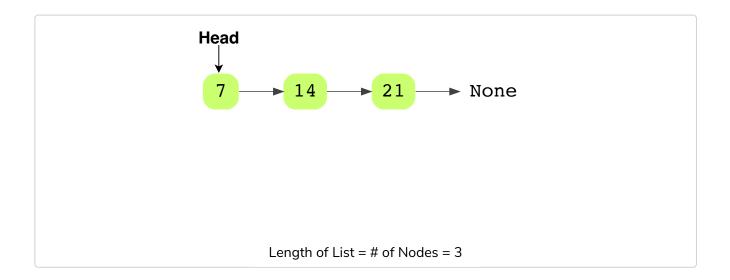




linkedlist = 0->1->2->3->4

Sample Output

5



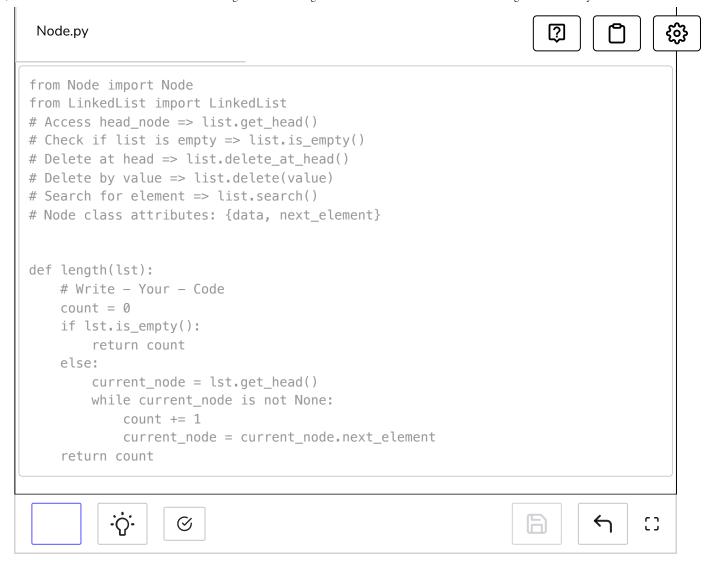
Coding Exercise

Hopefully, this isn't a very tough task because we've seen much more complex algorithms in the previous lessons. Try it out on a piece of paper to get the logic right.

The full LinkedList and Node classes are available to you along with all their member functions.

Good Luck!





Interviewing soon? We've partnered with Hired so that $$\times$$ companies apply to you instead of you applying to them. See how \odot



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