









Challenge 8: Remove Duplicates from Linked List

In this lesson, you must figure out the Pythonic solution for removing duplicates from a linked list.

We'll cover the following

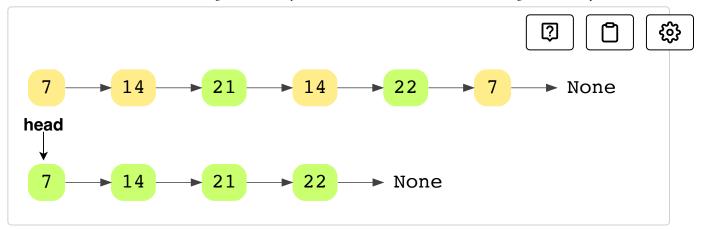
- Problem Statement
 - Input
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- Coding Exercise

Problem Statement

You will now be implementing the remove_duplicates() function. When a linked list is passed to this function, it removes any node which is a duplicate of another existing node.

You can see an example below:





Input

A linked list.

Output

A list with all the duplicates removed.

Sample Input

Sample Output

LinkedList =
$$1->2->3->4->5->6$$

Coding Exercise

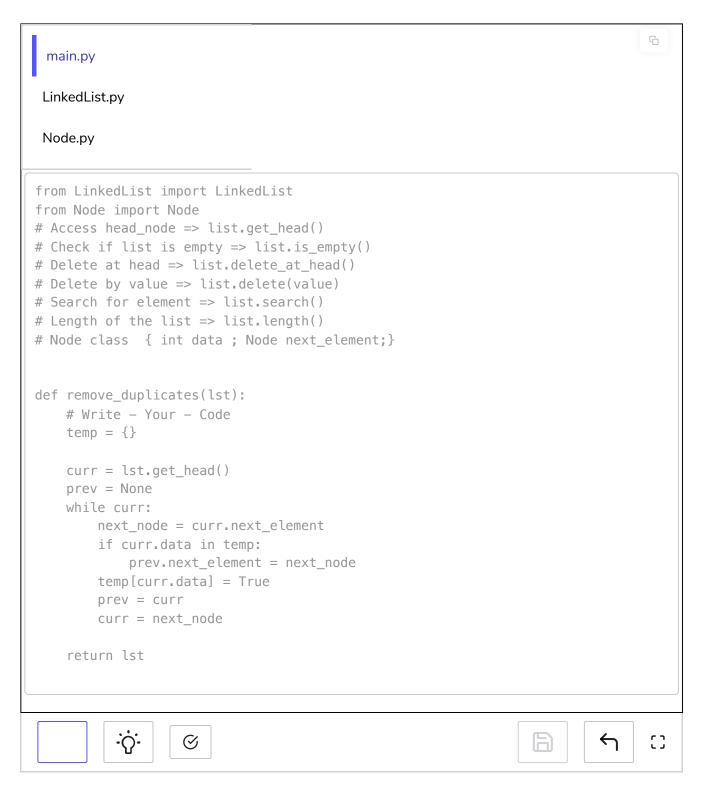
Once again, there are several ways to solve this problem. As you play around with this algorithm, you'll learn that some approaches are much more efficient compared to others.

We'll take a look at some of the solutions, so don't worry if you get stuck.



Good luck!





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Solution Review: Find Middle Node of ...

Solution Review: Remove Duplicates f...



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