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Reverse Linked List

Try to solve the Reverse Linked List problem.

We'll cover the following

- Statement
- Examples
- Understand the problem
- Figure it out!
- Try it yourself

Statement

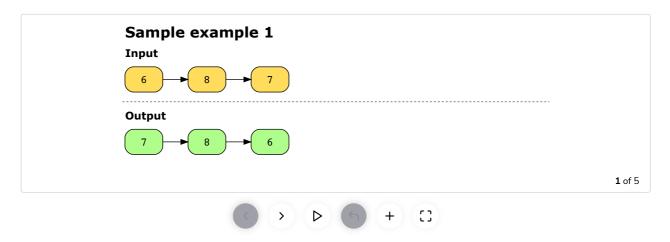
Given the head of a singly linked list, reverse the linked list and return its updated head.

Constraints:

Let n be the number of nodes in a linked list.

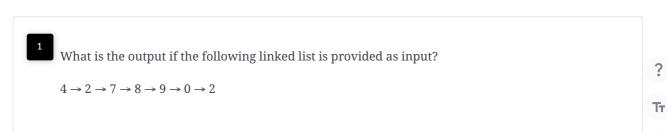
- $1 \le n \le 500$
- $-5000 \leq$ Node.value ≤ 5000

Examples



Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:



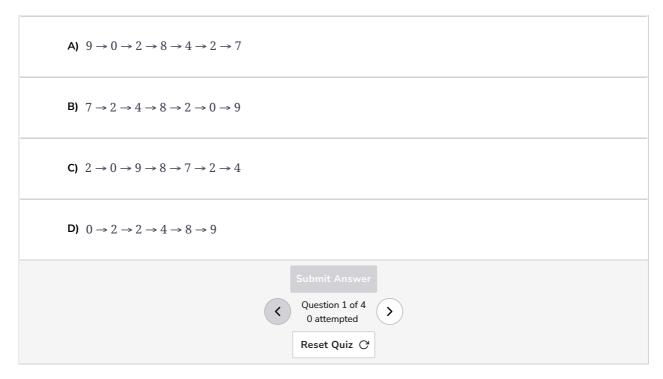
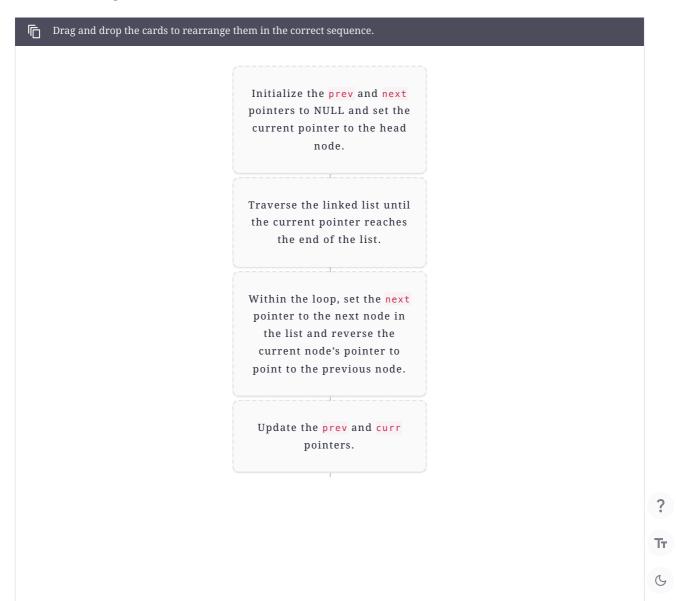
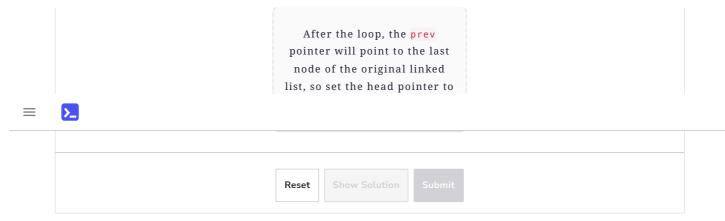


Figure it out!

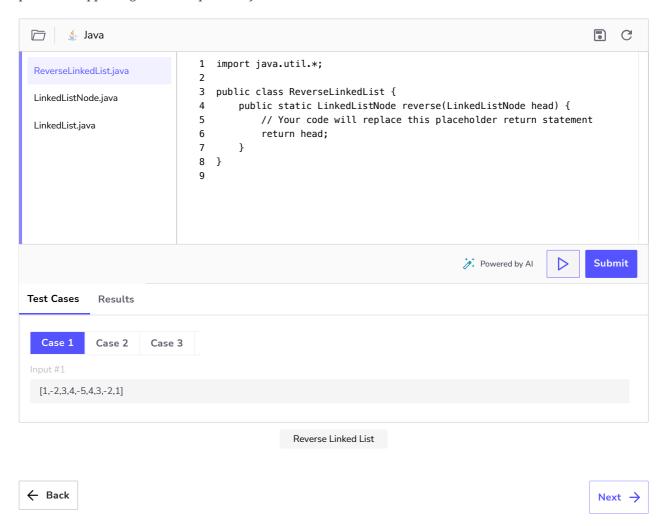
We have a game for you to play. Rearrange the logical building blocks to develop a clearer understanding of how to solve this problem.





Try it yourself

Implement your solution in ReverseLinkedList.java in the following coding playground. You'll need the provided supporting code to implement your solution.



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