

Solution 1

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1 // Copyright © 2020 AlgoExpert, LLC. All rights reserved.
2
3 class Program {
4     // O(n) time | O(1) space - where n is the number of nodes in the Linked List
5     public static LinkedList reverseLinkedList(LinkedList head) {
6         LinkedList p1 = null;
7         LinkedList p2 = head;
8         while (p2 != null) {
9             LinkedList p3 = p2.next;
10            p2.next = p1;
11            p1 = p2;
12            p2 = p3;
13        }
14        return p1;
15    }
16
17    static class LinkedList {
18        int value;
19        LinkedList next = null;
20
21        public LinkedList(int value) {
22            this.value = value;
23        }
24    }
25 }
26
```