You are given the head of a linked list.

The nodes in the linked list are **sequentially** assigned to **non-empty** groups whose lengths form the sequence of the natural numbers (1, 2, 3, 4, ...). The **length** of a group is the number of nodes assigned to it. In other words,

* The 1st node is assigned to the first group.
* The 2nd and the 3rd nodes are assigned to the second group.
* The 4th, 5th, and 6th nodes are assigned to the third group, and so on.

Note that the length of the last group may be less than or equal to 1 + the length of the second to last group.

**Reverse** the nodes in each group with an **even** length, and return *the* head *of the modified linked list*.

**Example 1:**

A picture containing text, clock

Description automatically generated

**Input:** head = [5,2,6,3,9,1,7,3,8,4]

**Output:** [5,6,2,3,9,1,4,8,3,7]

**Explanation:**

- The length of the first group is 1, which is odd, hence no reversal occurrs.

- The length of the second group is 2, which is even, hence the nodes are reversed.

- The length of the third group is 3, which is odd, hence no reversal occurrs.

- The length of the last group is 4, which is even, hence the nodes are reversed.

**Example 2:**

A picture containing text, clock

Description automatically generated

**Input:** head = [1,1,0,6]

**Output:** [1,0,1,6]

**Explanation:**

- The length of the first group is 1. No reversal occurrs.

- The length of the second group is 2. The nodes are reversed.

- The length of the last group is 1. No reversal occurrs.

**Example 3:**

A picture containing text, clock

Description automatically generated

**Input:** head = [2,1]

**Output:** [2,1]

**Explanation:**

- The length of the first group is 1. No reversal occurrs.

- The length of the last group is 1. No reversal occurrs.

**Example 4:**

**Input:** head = [8]

**Output:** [8]

**Explanation:** There is only one group whose length is 1. No reversal occurrs.

**Constraints:**

* The number of nodes in the list is in the range [1, 105].
* 0 <= Node.val <= 105