**22. Flatten List**

中文

English

Given a list, each element in the list can be a list or integer. flatten it into a simply list with integers.

**Example**

Example 1:

Input: [[1,1],2,[1,1]]

Output: [1,1,2,1,1]

Explanation:

flatten it into a simply list with integers.

Example 2:

Input: [1,2,[1,2]]

Output:[1,2,1,2]

Explanation:

flatten it into a simply list with integers.

Example 3:

Input: [4,[3,[2,[1]]]]

Output:[4,3,2,1]

Explanation:

flatten it into a simply list with integers.

**Challenge**

Do it in non-recursive.

**Notice**

If the element in the given list is a list, it can contain list too.