

1669. Merge In Between Linked Lists

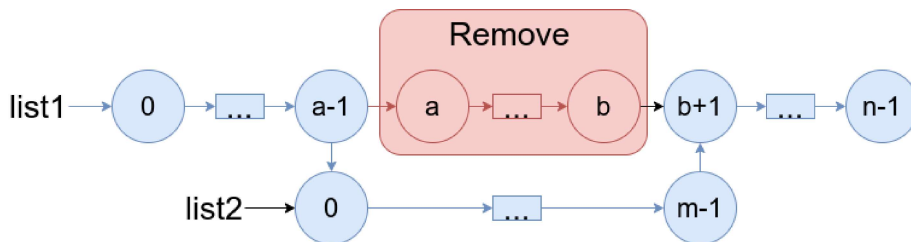
Solved ●

Medium Topics Companies Hint

You are given two linked lists: `list1` and `list2` of sizes `n` and `m` respectively.

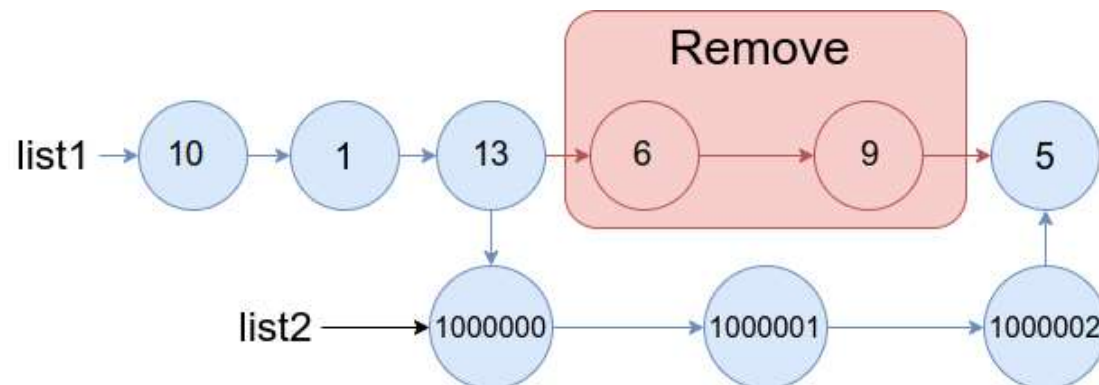
Remove `list1`'s nodes from the `a`th node to the `b`th node, and put `list2` in their place.

The blue edges and nodes in the following figure indicate the result:



Build the result list and return its head.

Example 1:

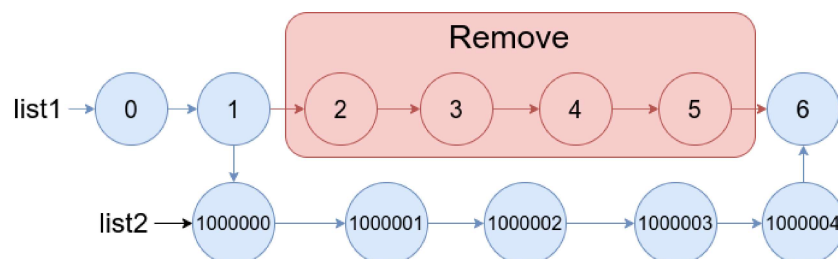


Input: `list1 = [10,1,13,6,9,5]`, `a = 3`, `b = 4`, `list2 = [1000000,1000001,1000002]`

Output: `[10,1,13,1000000,1000001,1000002,5]`

Explanation: We remove the nodes 3 and 4 and put the entire list2 in their place. The blue edges and nodes in the above figure indicate the result.

Example 2:



Input: `list1 = [0,1,2,3,4,5,6]`, `a = 2`, `b = 5`, `list2 = [1000000,1000001,1000002,1000003,1000004]`

Output: `[0,1,1000000,1000001,1000002,1000003,1000004,6]`

Explanation: The blue edges and nodes in the above figure indicate the result.

Constraints:

- `3 <= list1.length <= 104`
- `1 <= a <= b < list1.length - 1`
- `1 <= list2.length <= 104`

Seen this question in a real interview before? 1/4

Yes No

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Hint 2	▼
Hint 3	▼
Discussion (100)	▼

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