2360. Longest Cycle in a Graph   Hint   ⊙

Hard   ⊘   👍 2K   👎 39   ☆   ⟲

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You are given a **directed** graph of `n` nodes numbered from `0` to `n - 1`, where each node has **at most one** outgoing edge.

The graph is represented with a given **0-indexed** array `edges` of size `n`, indicating that there is a directed edge from node `i` to node `edges[i]`. If there is no outgoing edge from node `i`, then `edges[i] == -1`.

Return *the length of the **longest** cycle in the graph*. If no cycle exists, return `-1`.

A cycle is a path that starts and ends at the **same** node.

Example 1:
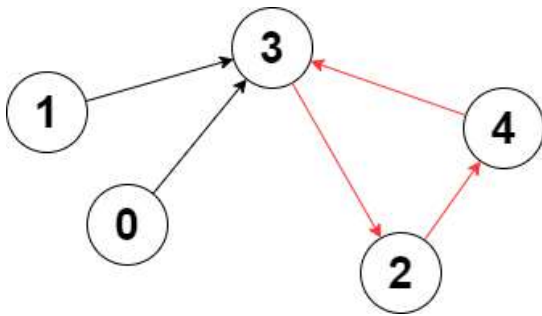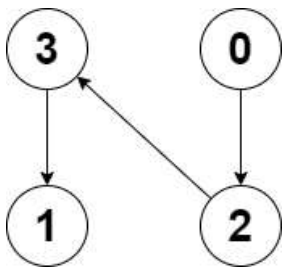

Input: edges = [3,3,4,2,3]
Output: 3
Explanation: The longest cycle in the graph is the cycle: 2 -> 4 -> 3 -> 2.
The length of this cycle is 3, so 3 is returned.

Example 2:

Input: edges = [2,-1,3,1]
Output: -1
Explanation: There are no cycles in this graph.

Constraints:

- `n == edges.length`
- $2 <= n <= 10^5$
- `-1 <= edges[i] < n`
- `edges[i] != i`

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Yes   No

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