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/**
 * Definition for singly-linked list.
 * class ListNode {
 *     int val;
 *     ListNode next;
 *     ListNode(int x) {
 *         val = x;
 *         next = null;
 *     }
 * }
 */
public class Solution {
    public boolean hasCycle(ListNode head) {
        if (head == null || head.next == null)
            return false;
        ListNode itr = head.next;
        while (itr != null && itr.next != null) {
            head = head.next;
            itr = itr.next.next;
            if (head == itr)
                return true;
        }
        return false;
    }
}

```