141. Linked List Cycle ★

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Total Accepted: **130663** Total Submissions: **360114** Difficulty: **Easy**

Given a linked list, determine if it has a cycle in it.

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C++

```
/**
 * Definition for singly-linked list.
 * struct ListNode {
 *     int val;
 *     ListNode *next;
 *     ListNode(int x) : val(x), next(NULL) {}
 * };
 */
class Solution {
public:
    bool hasCycle(ListNode *head) {
        if (!head) return false;
        ListNode *slow = head, *fast = head->next;
        while (slow && fast) {
            slow = slow->next;
            fast = fast->next;
            if (fast)
                fast = fast->next;
            if (slow == fast)
                return true;
        }
        return false;
    }
};
```

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