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```
public static boolean hasCycle(ListNode head) {  
    ListNode slow = head;  
    ListNode fast = head;  
  
    while (fast != null && fast.next != null) {  
        slow = slow.next;  
        fast = fast.next; // ✗ should be fast.next.next  
  
        if (slow == fast)  
            return true;  
    }  
    return false;  
}
```