

我写的

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1  /**
2   * Definition for singly-linked list.
3   * struct ListNode {
4   *     int val;
5   *     ListNode *next;
6   *     ListNode(int x) : val(x), next(NULL) {}
7   * };
8   */
9  class Solution {
10 public:
11     bool hasCycle(ListNode *head) {
12         ListNode* current=head;
13         int i=0;
14         unordered_map<ListNode*,int> hashtable;
15
16         if(current==nullptr){
17             return false;
18         }
19
20         while(1){
21             auto it=hashtable.find(current);
22             if(it!=hashtable.end()){
23                 return true;
24                 break;
25             }
26             else{
27                 hashtable[current]=i;
28                 i++;
29                 current=current->next;
30             }
31             if(current==nullptr){
32                 return false;
33                 break;
34             }
35         }
36
37     }
38 };};`
39
40
41
```

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42
43 题解:
44
45
46  ```c++
47  class Solution {
48  public:
49      bool hasCycle(ListNode *head) {
50          unordered_set<ListNode*> seen;
51          while (head != nullptr) {
52              if (seen.count(head)) {
53                  return true;
54              }
55              seen.insert(head);
56              head = head->next;
57          }
58          return false;
59      }
60  };
```