

Problem List < > 🔍

Description | Accepted × | Editorial | Solutions | Submissions

← All Submissions

Accepted 18 / 18 testcases passed

Pratik Vats submitted at Jan 20, 2026 02:15

Editorial Solution

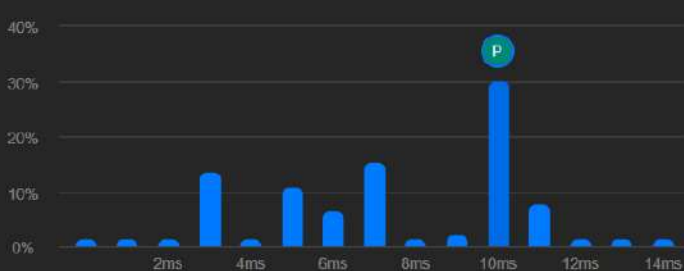
Runtime ⓘ

10 ms | Beats 47.28%

Analyze Complexity

Memory

11.45 MB | Beats 23.63%



Time Interval	Percentage
2ms	~1%
3ms	~13%
4ms	~1%
5ms	~11%
6ms	~7%
7ms	~15%
8ms	~1%
9ms	~2%
10ms	~30% (P)
11ms	~8%
12ms	~1%
13ms	~1%
14ms	~1%

Code

C++ v Auto

```
1  /**
2
3  */
4
5  */
6
7  */
8  */
9  class Solution {
10 public:
11     ListNode *detectCycle(ListNode *head) {
12         if (!head || !head->next) return NULL;
13
14         ListNode *slow = head, *fast = head;
15
16         while (fast && fast->next) {
17             slow = slow->next;
18             fast = fast->next->next;
19
20             if (slow == fast) {
21                 slow = head;
22                 while (slow != fast) {
23                     slow = slow->next;
24                     fast = fast->next;
25                 }
26                 return slow;
27             }
28         }
29         return NULL;
30     }
31 };
```

Saved

Testcase | Test Result

```
8  */
9  class Solution {
10 public:
11     ListNode *detectCycle(ListNode *head) {
12         if (!head || !head->next) return NULL;
13
14         ListNode *slow = head, *fast = head;
15
16         while (fast && fast->next) {
17             slow = slow->next;
18             fast = fast->next->next;
19
20             if (slow == fast) {
21                 slow = head;
22                 while (slow != fast) {
23                     slow = slow->next;
24                     fast = fast->next;
25                 }
26                 return slow;
27             }
28         }
29         return NULL;
30     }
31 };
```