#15 Days of Coding Challenge
#Day 5

Linked List cycle
#Leetcode 141

Solution:

```cpp
#include<iostream>
class Solution {
public:
  bool hasCycle(ListNode *head) {
      ListNode* fast = head;
      ListNode* slow = head;
      while (fast != nullptr && fast->next != nullptr) {
          fast = fast->next->next;
          slow = slow->next;
          if (fast == slow) {
              return true;
          }
      }
      return false;
  }
};
```

Time Complexity: O(n)
Space Complexity: O(1)