142. Linked List Cycle II

```
class Solution {
public:
  ListNode *detectCycle(ListNode *head) {
     if (!head || !head->next) return nullptr;
     ListNode *slow = head, *fast = head;
     while (fast && fast->next) {
       slow = slow->next;
       fast = fast->next->next;
       if (slow == fast) {
          slow = head;
         while (slow != fast) {
            slow = slow->next;
            fast = fast->next;
          return slow;
       }
     }
     return nullptr;
  }
};
```

