

Name :Malli

```
class ListNode {  
    int val;  
    ListNode next;  
  
    ListNode(int x) {  
        val = x;  
        next = null;  
    }  
}  
  
public class DetectCycle {  
    public static boolean hasCycle(ListNode head) {  
        ListNode slow = head;  
        ListNode fast = head;  
  
        while (fast != null && fast.next != null) {  
            slow = slow.next;  
            fast = fast.next.next;  
  
            if (slow == fast)  
                return true;  
        }  
        return false;  
    }  
}
```