

```
// Function to check whether the linked list is palindrome.  
// A simple solution is to use a stack of linked list nodes. This mainly involves three steps.  
// 1. Traverse the given list from head to tail and push every visited node to stack.  
// 2. Traverse the list again. For every visited node, pop a node from the stack and  
// compare data of popped node with the currently visited node.  
// 3. If all nodes matched, then return true, else false.
```

```
boolean isPalindromeLinkedList(Node head) {  
    Stack<Integer> stack = new Stack<>();  
    Node curr = head;  
    while (curr != null) {  
        stack.push(curr.data);  
        curr = curr.next;  
    }  
    curr = head;  
    while (curr != null) {  
        if (curr.data != stack.pop()) {  
            return false;  
        }  
        curr = curr.next;  
    }  
    return true;  
}
```