

```
// Function to pairwise swap elements of a linked list.  
// It should returns head of the modified list  
// LinkedList: 1->2->2->4->5->6->7->8  
// Output: 2 1 4 2 6 5 8 7
```

```
public Node pairwiseSwap(Node head) {  
    Node curr = head;  
    Node prev = null;  
    while (curr != null && curr.next != null) {  
        Node next = curr.next;  
        if (prev == null) {  
            // swap first pair.  
            curr.next = next.next;  
            next.next = curr;  
            head = next;  
        } else {  
            // swap rest of pair  
            prev.next = curr.next;  
            curr.next = next.next;  
            next.next = curr;  
        }  
        prev = curr;  
        // as curr moves one position right, curr.next will point  
        // to the next pair.  
        curr = curr.next;  
    }  
    return head;  
}
```