Lab5

Describe in detail an algorithm for reversing singly Linked List L using only constant amount of additional space?

Algorithm reverse(SLinkedList)

Input:A singly linked lise L

Output: The reversed singly linked of L

{  
 **if** (L.head!=**null**);  
 {  
 currentNode=L.head;  
 previousNode=**null**;  
 **while** (currentNode!=nill )  
 **do** {  
 temp=currentNode.getNext();  
 currentNode.setNext(previosNode);  
 previosNode=currentNode;  
 currentNode=temp;  
 }  
 L.head=previousNode;  
 }  
 }