 Q\_C.3.28--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;  
            }  
        }