Lab5

c-3.25

*Describe an algorithm for concatenating two singe linked list L and M .into a single list L  
 that contains all the node of L followed by all the nods of M  
  
public class Lab5Q4 {  
  
 node=L.header;  
 while(node.getNext()!=null){  
 node=node.getNext();  
 }  
 node.set.Next(M.header.getNext());  
 L.size=L.size+M.size;  
 return L;  
}*

c-3.28

*Describe in detail an algorithm for reversing a singly  
 linked listL using only a constant amount of additional  
 space.  
  
public class Lab5Q5 {  
 Algorithm revrrse(SLinkedList)  
  
 Input :  
 A singly  
 Linked List  
 of L  
  
 {  
 if (L.head != null) ;  
 {  
 currentNode = L.head;  
 previsiosNode = null;  
 while (currentNode != null)  
 do {  
 temp = currentNode.getNext();  
 currentNode.setNext(previosNode);  
 currentNode = temp;  
 }  
 L.head = previousNode;}  
  
 }  
 }*