

1. Implement Stack using Linked List AND ARRAY
2. Implement 2 stacks in an array
3. Implement k stacks in a single array
4. Suppose there are two singly linked lists both of which intersect at some point and become a single linked list. The head or start pointers of both the lists are known, but the intersecting node is not known. Also, the number of nodes in each of the lists before they intersect is unknown and may be different in each list. List1 may have n nodes before it reaches the intersection point, and List2 might have m nodes before it reaches the intersection point where m and n may be  $m = n$ ,  $m < n$  or  $m > n$ . Both linked lists are unsorted .Give an algorithm for finding the merging point.

NOTE ; find the merging point where the combined linked list appears sorted.  
solve above (4) using the sorting technique