

DSC Practical – 6

Singly Linked List Operations and Applications.

1. Write algorithm and implement program for all operations of singly link list.
2. Write algorithm and implement program to perform all stack operations using link list.
3. Write algorithm and implement program to perform all Queue operations using link list.
4. Write algorithm and implement program to find middle node in link list.
5. Write algorithm for finding length of linked list via Iterative and Recursive method. Implement the same algorithm using 'C' program.
6. Write an algorithm to search an element in linked list using recursive approach. Implement the same using 'C' program.