

Lab Assignment 6

Program:

- a. Implement a menu-driven polynomial manipulation using a singly linked list for following operations:
 - i. Addition of polynomials
 - ii. Subtraction of polynomials
- b. Implement a Singly Linked List and available list **using array** and perform the following Menu driven operations:
 - i. Insert an element at the beginning
 - ii. Traverse a list
 - iii. Delete the first element

Lab File Writing:

1. Description of linked list with diagram
2. Representation of linked list using Array and structure.
3. Algorithm using Array representation
4. Polynomial representation using linked list
4. Conclusion

Note:

Upload the zip file of .c and screenshot

Code should be modular and add necessary comments.