

Data Structure and Algorithms

Assignment 2

NAME: ANSHU KUNWAR
MTDT

1. Write a program for finding sum and product (use iterative addition) of two polynomials using arrays and linked list

https://github.com/iamAunderscoreK/DSA_Assignments/blob/main/polyAddMult.c

2. Write program to insert, delete and search an element in a sorted linked list

https://github.com/iamAunderscoreK/DSA_Assignments/blob/main/LinkedlistOperations.c

3. Write a program for addition, multiplication and fast transpose of sparse matrices

https://github.com/iamAunderscoreK/DSA_Assignments/blob/main/SparseMatrix.c

4. Write a program to enter date of births of n persons and sort in ascending order of age using radix sort

https://github.com/iamAunderscoreK/DSA_Assignments/blob/main/datedortRadix2.c

5. Write program to insert and delete elements from a Binary Search tree

https://github.com/iamAunderscoreK/DSA_Assignments/blob/main/BST2.c

6. Write program for tree traversal in inorder,preorder,postorder

https://github.com/iamAunderscoreK/DSA_Assignments/blob/main/Traversal.c

7. Write a program to evaluate arithmetic expression using stack

https://github.com/iamAunderscoreK/DSA_Assignments/blob/main/postfixeval.c

8. Write a program to maintain a priority queue using array

https://github.com/iamAunderscoreK/DSA_Assignments/blob/main/priorityQarray.c

Thankyou!