Data Structure Lab

CEN-391

LAB FILE

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Subject : Data Structure Lab

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SNO	Programs	Date
1	Write a menu driven program having the following option. Make user defined functions for each option. 1. Factorial of a Given no 2. Sum of Natural Series up to n terms 3. Print Fibonacci Series up to n terms 4. Power of a and b 5. Exit	14/09
2	1. Write a program to sort n elements of array using bubble sort. Show Each Iteration of bubble sort. 2. Write a program to sort n elements of array using Early termination bubble sort. Show Each Iteration of bubble sort	22/09
3	Write a menu program to maintain record of 10 employees in structure.	5/10
4	Menu driven program to maintain records of n employees dynamically in structure, where n is taken as input from user.	12/10
5	Write a menu program to maintain records of employees in structure.	26/10
6	1. Menu driven program to implement stack using array 2. Menu driven program to implement stack using linked list	02/10
7	Write a menu driven program to implement normal Queue operations using Array.	09/11
8	Write a menu driven program to implement Circular Queue operations using Array.	16/11
9	Write a menu driven program to implement Simple Queue operations using Linked List.	23/11
10	Write a menu driven program to implement Priority Queue operations using Linked List	30/11
11	Write a menu driven program to implement Singly Linked List having following operations.	07/12
12	Write a menu driven program to implement doubly Linked List having following operations.	14/12