DATA STRUCTURE

*Array All Question

1.Create an array and display that array

2.Search an element from an array

3.Insert a element in an array

4.Delete an element from an array

5.Add all the element of array

6.Create a array and Reverse the array

7.Create a array and copy that array into another array

10.Find the largest element in an array

11.Find the second largest element in an array

12.Find the smallest element in an array

13.Find the second smallest element in an array

14.Wap to add 3 in each element of the array then display that array

15.Wap to display all the even number of array

16.Wap to display all the odd number of array

Function All Question

1.Write a simple program using function and display it

2.Wap find factorial of a number using function

3.Wap to find out (x!*y!)! Using function

4.Wap to find reverse of a number using function

5.All type of c program can be written using function

Structure All Question

1.Wap to create a structure and Display it

2.Wap to write a structure for time and to Display it

3.Wap add two number using structure

Linear search of an array

1.Wap for linear search

Matrix All Question

1.Create a matrix and Display that matrix

2.Wap to find out stress of a matrix

3.Wap to add two matrix

4.Wap to multiple to matrix

5.Wap to transpose of a matrix

6.Wap to find upper triangular of a matrix

7.Wap to find lower triangular of a matrix

8.Wap to add all the element of matrix

9.Wap to add row wise of a matrix

10.Wap to add column wise of matrix

11.Wap to enter 1D array and display the matrix 1^{st} row contain element of array 2^{nd} row contain square of each element and 3^{rd} row contain cube of each element also 4^{th} row contain decimal part of square root of each element

Sparse Matrix

1.Wap find non-zero entry of sparse matrix

Stack all question

1.Create a stack and Display the stack

2.Write a menu Driven program for stack

3.Wap to remove an element from any position of stack

4.Wap to reverse an array using stack

5.Wap to reverse a string using stack

6.Wap using stack to convert infix to postfix

Function Recursion

7.Wap to find factorial of number using function recursion

8.Wap to multiple two number using function recursion

9.Wap to generate a Fibonacci series of two number

10.Wap to search an element in a binary search using function recursion

Linear Queue

1.Create a queue and Display that queue

2.Wap to create a menu driven program for queue

Circular Queue

1.Create a simple Circular Queue and Display it

2.Also write a menu Driven program for circular queue

Double Ended Queue

1.Create a simple double ended Queue and Display it

2.Also write a menu Driven program for double ended queue

SORTING

1.Write a program for Bubble sort

2.Write a program for selection sort

3.Write a program for insertion sort

4.Wap for radix sort

Memory Allocation

1.Wap using Malloc

2.Wap using Calloc

3.Wap using malloc in array

4.Wap using calloc in array

5. Write at least 50 program related to malloc and calloc

LINKED LIST

1.write a simple program and Display that

2.Wap to search an element from a linked list

3.Wap to insert first in a linked list

4.Wap to insert last in a linked list

5.Wap to delete an element from first of the linked list

6.Wap to delete last in a linked list

7.Wap insert an element after a node in a linked list

DOUBLE LINKED LIST

1.write a simple program and Display that
2.Wap to search an element from Double linked list
3.Wap to insert first in a Double linked list
4.Wap to insert last in a Double linked list
5.Wap delete first in a Double linked list
6.Wap to delete last in a Double linked list
7.Wap insert an element after a node in a Double linked list

CIRCULAR LINKED LIST

1.write a simple program and Display that
2.Wap to search an element from Circular linked list
3.Wap to insert first in a Circular linked list
4.Wap to insert last in a Circular linked list
5.Wap delete first in a Circular linked list
6.Wap to delete last in a Circular linked list
7.Wap insert an element after a node in a Circular linked list

POLY NOMIAL LINKED LIST

1.Write a simple poly nomial program

2.Wap and add one poly nomial with another

3.Do more and more poly nomial program

TREE

All tree program

GRAPH

Write all graph program

1.Dfs

2.Bfs

3.Kruskal

4.Prime number

All data structure related program same as to IIT student