

List of Data Structure Programs

1. WAP to insert an element at a specific position in an array.
2. WAP to delete an element from one-dimension array.
3. WAP to print elements of the array which are multiple of 7.
4. WAP to print the sum and average of the elements of the array.
5. WAP to search an element in a 2-D array using linear search.
6. WAP to perform following operations on string using string function.
1) Concatenation 2) Copy
7. WAP to perform following operations on string using string function.
1) Reverse 2) Length of the string
8. WAP to implement stack using an array with the following operations (Insert, delete, display, exit).
9. WAP to implement queue using an array with the following operations (Insert, delete, display, exit).
10. WAP to insert an element in the linked list and display the list.
11. WAP to delete an element from the linked list and display the list.
12. WAP to search an element in the linked list and display the list.
13. Create following table with name Employee

EMPNO	EMP_NAME	DEPT	SALARY	DOJ	BRANCH
E101	Amit	Production	45000	12-Mar-00	Bangalore
E102	Amit	HR	70000	03-Jul-02	Bangalore
E103	sunita	Management	120000	11-Jan-01	mysore
E105	sunita	IT	67000	01-Aug-01	mysore
E106	mahesh	Civil	145000	20-Sep-03	Mumbai

14. Perform following operations on employee table
 - a) Display all the fields of the table.
 - b) Retrieve empno and their salary.
 - c) Retrieve average salary of all employee
 - d) Retrieve number of employee
15. Perform following operations on employee table
 - a) Retrieve distinct number of employee
 - b) Retrieve total salary of employee group by employee name and count similar names.
 - c) Retrieve total salary of employee which is greater than >120000
 - d) Display name of employee in descending order
 - e) Display details of employee whose name is AMIT and salary greater than 50000;