➔Easy ➔Medium ➔Hard

Practical 1   (Topic: Pointers & Structures)

Class-work:

- Write a program to create and store records of students dynamically (using pointers) and display them.

Home-work:

1) Write a program to ask the user for 10 integer numbers and display the even ones.
2) Write a program to evaluate student's performance using structure; where structure contains name and total_marks.
3) Write a program to calculate sum and average of all element of 2-D array.
4) Write a program to ask the user for 10 real numbers and display the average of the positive ones and the average of the negative ones

5) Write a program to interchange two variables using pointers, using the concept of invoking functions by passing the pointers.
6) Write a Program to create a structure for Employee containing appropriate fields for ID, Salary and Name. Prompt the user to enter the details of "n" employees and instantiate the structure and store the references in an array of pointers. Now write a function to display the details of an employee with given ID.
7) WAP to delete duplicate elements from an array of "n" integers.
8) WAP that returns the sum of the elements in a specific row of an array. The array, number of filled-in columns and which row is to be totaled should be passed as parameters.

9) Write a program to print names and number of employees who have 5 year or more experience and salary less than Rs. 10,000/- using an array of structures.
10) Write a program to find frequency of each element in an array using pointer.