

Practice Lab Assignment 1

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For this Practice Lab Assignment, you will write programs in C implementing the concepts of Arrays

Instructions

- There are 3 questions in this assignment.
- Any discussion with neighbor/or any other student is strictly not allowed.
- Mobile phones are not allowed. If found, disciplinary action may be taken.

Due Date: This is only a Practice Lab so no submission is required.

Grading Criteria

No Grading Criteria.

Programming Questions

1. Write a program in C to enter the size and elements of an array through the user. After this, insert a new element in the same array at a location given by the user. If the location is greater than the size of the array, a message should be printed that the insertion is not possible. Else print the resultant array after insertion.
2. Write a program in C to enter the size and elements of an array through the user. After this, delete an element from the same array at a location given by the user. If there is no element in the array, a message should be printed that the deletion is not possible. Else print the resultant array after deletion.

3. An array A contains 25 positive integers. Write a C program which

(a) Finds all pairs of elements whose sum is 25.

(b) Finds the number EVNUM of elements of A which are even, and the number ODDNUM of elements of A which are odd.