

Assignment -2 (Array)

Note: Always try to write menu driven program with proper comments in your code

1. Consider the elements of the array are given as {2 7 9 5 8 7 4}. Write a program in C to find minimum number of swaps required to gather all elements less than or equals to k.
2. Write a program in C to count a total number of duplicate elements in an array.
3. Write a program in C to merge two arrays of same size sorted in descending order.
4. Write a program in C to count the frequency of each element of an array.
5. Perform the following operations on 2-D Array.
 - I. Addition
 - II. Subtraction
 - III. Multiplication
 - IV. Transpose of a Given Matrix
6. Write a program in C to display the lower triangular and upper triangular matrix of given 3x3 matrix.
7. Write a program in C to find two elements whose sum is closest to zero. (Elements of array can be negative no. also).
8. Write a program in C to rearrange an array in such an order that– smallest, largest, 2nd smallest, 2nd largest and so on.