



ACADEMY OF TECHNOLOGY
Lab Assignment (Assignment 19)

Paper name: Data Structure and Algorithm
Code: PCC-CS391
Discipline: CSE

Semester: 3rd
Time: 2 Hours

Date: December 8, 2020

1. Given two sorted arrays, the task is to merge them in a sorted manner.

Examples :

Input: ***arr1[] = 10, 30, 40, 50, arr2[] = 20, 40, 60, 80***

Output: ***arr3[] = 10, 20, 30, 40, 40, 50, 60, 80***

2. Write a C or C++ program to implement Merge Sort.
 3. Write a C or C++ program to show Merge Sort as a stable sort.
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