



ACADEMY OF TECHNOLOGY

Lab Assignment (Day 6)

Paper name: Data Structure and Algorithm

Code: PCC-CS391

Discipline: CSE

Semester: 3rd

Time: 1 Hour

Date: September 23, 2020

1. Write a program to find all pairs with given sum in the array.

Input:

The given array : 6, 8, 4, -5, 7, 9

The given sum : 15

Output:

6 9

8 7

2. Write a program to merge two sorted array to another sorted array.

Input:

arr1[] = {10, 12, 14, 16, 18, 20, 22}

arr2[] = {11, 13, 15, 23, 25, 26}

Output:

arr3[] = {10, 11, 12, 13, 14, 15, 16, 18, 20, 22,23,25,26}

3. Write a program in C++ to find the volume of a cube, cylinder and rectangular box using function overloading.
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