

Data Structures Lab, B.Tech 2nd Semester

Instructions

1. This is only for practice. No need to submit it.
2. Complete it by 5:00 PM today. Your completion will be reviewed by the Teaching Assistants.

Practice Assignment 8

1. Write a C program to find the repeating elements in an unsorted array.
For example: If the array is 4,2,4,5,2,3,1 with size = 7 with all elements occurring once except 2 and 4 which occur twice. So the output should be 4 2.
2. Consider the following array:
10,2,3,1,56,48,24,79,11,90,35,23,36,78
Write a C program to find out among Insertion sort, Selection sort, and Bubble sort algorithms, which one needs the minimum number of swaps?
3. Given an unsorted array of n elements, write a C program to find two elements in the array such that their sum is equal to the given element K.