

King Saud University
College of Computer and Information Sciences
Computer Science Department

CSC 212

First Semester 1437-1438

Tutorial #1

Important: This tutorial has an online part, which you should complete on LMS (tutorial section).

Problem 1:

The sorting problem: Given an array of n integers, sorting the array consists in rearranging the array in increasing (or decreasing) order.

Example 1.1. This is an instance of the sorting problem (increasing order):
 $(12, 5, 8, 16, 9, 31) \rightarrow (5, 8, 9, 12, 16, 31)$.

Write a Java method that sorts an array in increasing order given as input.

Problem 2:

Write a Java method that takes an array of **int** values and determines if all the numbers are different from each other (that is, they are distinct).