

Programming Assignment 1

Due at your recitation session on September 3-5, 2014

Reading

Read Chapters 1, 2, 3, and 4 in the textbook.

Programming

In this programming assignment, you will write a program that compares the characters in two strings. Two strings are considered equivalent if they contain the same characters and each character has the same number of occurrences in both strings. However, the order of characters does not matter. For example:

String 1	String 2	Equivalent?
ab	ab	Yes
craftsmanship	aacfhimnprsst	Yes
aaabbc	abc	No
a	b	No

Write a program that reads two strings and prints out whether they are equivalent. Create your own input data and run your program on it.

Submission

Bring a copy to recitation to display on a projector. Additionally, submit an electronic copy of your program to blackboard.

Grading

This programming assignment is required but does not contribute to your grade.

Notes

If you are in a non-Java section, it is your responsibility to adapt these specifications to your programming language.