Computer Science for Brothers Assignment 2

Due April 17th, 2020

Fake Prof. Derik

Question 1.
A palindrome takes the form of:

- racecar

- redivider

such that if the word is reversed, it is the same as the original. Given an input string, determine whether or not the string is a palindrome.

Question 2.
Given two input arrays, merge and return a single array containing both elements of each list. Use the collections sort library to sort the final product before returning it.

Question 3.
In order to expose you to more complex data structures, instantiate an ArrayList in the main method (utilize the Java documentation for this question) and pass it as a parameter to a method that appends elements in the same way that you would populate an array. Return a boolean that confirms whether or not the operation was successful.

Question 4.
Given an input array and a boolean, determine the highest and lowest element of the array and return the highest value/lowest value for when the boolean is true/false.