import java.util.Arrays;

class Main {

public static void main(String[] args) {

String str1 = "Race";

String str2 = "Care";

str1 = str1.toLowerCase();

str2 = str2.toLowerCase();

// check if length is same

if(str1.length() == str2.length()) {

// convert strings to char array

char[] charArray1 = str1.toCharArray();

char[] charArray2 = str2.toCharArray();

// sort the char array

Arrays.sort(charArray1);

Arrays.sort(charArray2);

// if sorted char arrays are same

// then the string is anagram

boolean result = Arrays.equals(charArray1, charArray2);

if(result) {

System.out.println(str1 + " and " + str2 + " are anagram.");

}

else {

System.out.println(str1 + " and " + str2 + " are not anagram.");

}

}

else {

System.out.println(str1 + " and " + str2 + " are not anagram.");

}

}

}

Output:

race and care are anagram.