

```

4 public static int checkReversed(String a, String b) {
5     //All to lower case
6     a = a.toLowerCase(); ..... n
7     b = b.toLowerCase(); ..... n
8     //get rid of white spaces
9     a = a.replaceAll(" ", ""); ..... n
10    b = b.replaceAll(" ", ""); ..... n
11    if (a.length() == b.length()) { ..... 2
12        for (int i = 0; i < a.length(); i++) { ..... n
13            if (a.charAt(i) == b.charAt(b.length()-1-i)) { ..... 2n
14                continue;
15            }else {return 0;} ..... 1
16        }
17        return 1; ..... 1
18    }else {return 0;} ..... 1
19 }

```

This str.toLowerCase() method is an inner running loop that run for n=length of the String times.

Same, String.replaceAll(x,y) method is also a loop that runs for the length n of String times.

Assignment of values once for each side. "For" loop will run for n times at the worst case when the if statement is triggered (when the Strings are the same), and the best case is when the else case is trigger at the first looping (when the first char of String a is not equal to the last char of String b).

return statement will run only once to terminate the method

Total:
7n+5~O(n)