Data Structure

HW 2

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Arrays 1:

Running Time, length of string is n:

Convert s1 and s2 to lower case: 2n

eliminate white spaces s1 and s2 :2n

check length of string: get first string length, get second string length, compare: 3

check each char, max: length of string times: 4n

two charAt method; one compare; one get length method

return 1

TOTAL: 2n+2n+3+4n+1=8n+4

O(n)