**1247. Minimum Swaps to Make Strings Equal**

Medium

448165Add to ListShare

You are given two strings s1 and s2 of equal length consisting of letters "x" and "y" **only**. Your task is to make these two strings equal to each other. You can swap any two characters that belong to **different** strings, which means: swap s1[i] and s2[j].

Return the minimum number of swaps required to make s1 and s2 equal, or return -1 if it is impossible to do so.

**Example 1:**

**Input:** s1 = "xx", s2 = "yy"

**Output:** 1

**Explanation:**

Swap s1[0] and s2[1], s1 = "yx", s2 = "yx".

**Example 2:**

**Input:** s1 = "xy", s2 = "yx"

**Output:** 2

**Explanation:**

Swap s1[0] and s2[0], s1 = "yy", s2 = "xx".

Swap s1[0] and s2[1], s1 = "xy", s2 = "xy".

Note that you can't swap s1[0] and s1[1] to make s1 equal to "yx", cause we can only swap chars in different strings.

**Example 3:**

**Input:** s1 = "xx", s2 = "xy"

**Output:** -1

**Example 4:**

**Input:** s1 = "xxyyxyxyxx", s2 = "xyyxyxxxyx"

**Output:** 4

**Constraints:**

* 1 <= s1.length, s2.length <= 1000
* s1, s2 only contain 'x' or 'y'.

Accepted

19,046

Submissions

30,309