## horizontal line

**EDIT DISTANCE**

# **Problem Statements :**

You are given 2 strings *s1* and *s2*. You can perform the following operations on them:

1. Insert a character at any position.
2. Remove a character from any position.
3. Replace a character with any other character.

Find the minimum number of these operations required to convert *s1* to *s2*.

# **Input Format :**

First line contains string *s1*. Second line contains string *s2*.

# **Constraints :**

1<=|s1|,|s2|<=2000  
s1 and s2 contains only lowercase English letters.

# **Output Format :**

Print a single integer denoting the minimum number of operations required.

# **Sample Input :**

abcde  
bcdae

**Sample Output :**

2

**Explanation :**

First delete 'a' from position 1 in s1 and then insert 'a' at position 4.

**Time Limit :**

1 sec