

STUDENT REPORT

JBZ

03A

KUB23ECE03A KUB23E

WHO I BY WHE TO BE GLOOD AND HE TO BE GLOOD BY WHE TO BE ALLOW BY WHE THE BEAUTH BY WHE TO BE ALLOW BY WHE THE BEAUTH BY WHE BEAUT

* THE BEALT OF A TONE REAL OF A TONE

TIB.

DETAILS

Name

SUJAL J

Roll Number

KUB23ECE034

EXPERIMENT

Title

MAGIC STRING

Description

Eva has a string S containing lowercase English letters. She wants to transform this string into a Magic String, where all the characters in the string are the same. To do so, she can replace any letter in the string with another letter present in that string.

Your task is to help Eva find and return an integer value, representing the minimum number of steps required to form a Magic String. Return 0, if S is already a Magic String.

Input Specification:

input1: A string S, containing lowercase English letters.

Output Specification:

Return an integer value, representing the minimum number of steps required to form a Magic String. Return 0, if S is already a Magic String.

Sample Input:

aaabbbccdddd

Sample Output:

KNB53ECE03A

KUB23ECE03A KUB23E

```
KUB23ECE034-Magic String
    def min_steps_to_magic_string(s):
        frequency = {}
        for char in s:
            if char in frequency:
                 frequency[char] += 1
            else:
                 frequency[char] = 1
        max_freq = max(frequency.values())
        min_steps = len(s) - max_freq
        return min_steps
    s = input().strip()
    result = min_steps_to_magic_string(s)
    print(result)
RESULT
  5 / 5 Test Cases Passed | 100 %
```

https://practice.reinprep.com/student/get-report/3129ca31-7da1-11ef-ae9a-0e411ed3c76b