```
STUDENT REPORT
PETALES
            S MADAN
                                                   3CRO
                                                                                                 10000
          Roll Number
            3BR23CA089
        EXPERIMENT
        Title
          MAGIC STRING
         Description
 Chosa
            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.
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            Sample Input:
            aaabbbeedddd
            Sample Output:
            8
 Source Code:
             from collections import Counter
             def min_steps_to_magic_string(S):
                 if len(set(S)) == 1:
                      return 0
                 freq = Counter(S)
                 max_freq = max(freq.values())
                 return len(S) - max_freq
            S = input()
            result = min_steps_to_magic_string(S)
            print(result)
```

Logo

RESULT

5 / 5 Test Cases Passed \ 100 %