Nahid The Reporter

Nahidul Islam Sayel is a reporter for SIU Daily Journals. One day, while writing an article, he decided to find out the minimum average alphabet in a given text. There are three steps to find the minimum average alphabet:

- He counts the number of times each alphabet repeats in the given portion of the newspaper.
- He adds up all the repeated values and calculates their average.
- He ignores other symbols or digits that are not alphabets.

The average is always rounded to the nearest whole number. If there is any fraction value 'f,' the average will be 'f+1.'

Let's discuss an example: If there is a string "aabbc," where 'a' appears 2 times, 'b' appears 2 times, and 'c' appears 1 time, the total count of alphabets is (2+2+1) or 5.

The average is 5/3 = 1.67, which is rounded up to 2. This is the minimum average value of alphabets for this string.

Sometimes, Nahidul gets tired, and it's challenging for him to find the result, so he needs your help. Help him with this task.

Inputs:

The first line contains a line of string(A portion of newspaper) 's'(All lowercase characters) of n characters where $2 <= n <= (10)^6$.

Outputs:

Find out the Minimum Average value of Alphabet.Print "YES"(without quotations) And print the answer if it exists for any alphabets.

Otherwise print "The Nearly Answer is :"(without quoates) and the strictly less value than the answer.

Remember that The result will not exceeded 32-bit data.

Example:

Sample 1:

Input:

aabbc

Output:

YES

2

Sample 2:

Input:

aaaaa eeeee ccccbbddffg2

Output:

The Nearly Answer is :2

Note:

Sample 1 has described on top.

In sample 2 ,a=5,e=5,c=4,b=2,d=2,f=2,g=1 and as the condition no. 3,2 is ignored.

total=5+5+4+2+2+2+1=21 and average=21/7=3.As 3 is not frequency of any alphabet,So strictly less

than 3=2 is the answer.