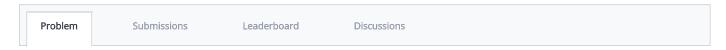
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# **I M02 - String Concatenation**



A string is called a pString if it can be represented as p concatenated copies of some string. For example, the string "aabaabaabaab" is at the same time a 1String, a 2String and a 4String, but it is not a 3String, a 5String, or a 6String and so on. Obviously any string is a 1String.

You are given a string s, consisting of lowercase English letters and a positive integer p. Your task is to find if it is possible to reorder the letters in the string s in such a way that the resulting string is a pString.

# Input Format

The first input line contains integer p.

The second line contains s, all characters in s are lowercase English letters.

#### Constraints

 $1 \le p \le 1000$  $1 \le |s| \le 1000$ 

#### **Output Format**

Print "YES" if it is possible to rearrange the letters in string s in such a way that the result is a pString. Print the result on a single output line. If it is not possible print "NO". (without quotes).

# Sample Input 0

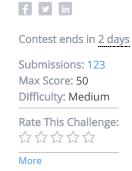
2 aazz

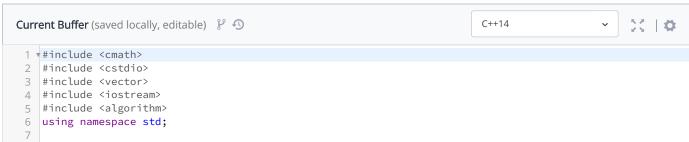
### Sample Output 0

YES

## Explanation 0

aazz can be rearranged to azaz which is a 2String





```
| 8 | 9 | int main() { | /* Enter your code here. Read input from STDIN. Print output to STDOUT */ return 0; | 11 | 12 | 13 | | Line: 1 Col: 1 |

Line: 1 Col: 1 | Run Code | Submit Cod
```

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