

# I M02 - String Concatenation

Problem

Submissions

Leaderboard

Discussions

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

$$1 \leq p \leq 1000$$

$$1 \leq |s| \leq 1000$$

## 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



Contest ends in 2 days

Submissions: 123

Max Score: 50

Difficulty: Medium

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Current Buffer (saved locally, editable)  

C++14



```
1 #include <cmath>
2 #include <cstdio>
3 #include <vector>
4 #include <iostream>
5 #include <algorithm>
6 using namespace std;
7
```

```
8
9 ▼ int main() {
10 ▼     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
11     return 0;
12 }
13
```

Line: 1 Col: 1

 [Upload Code as File](#) ☐ Test against custom input

Run Code

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