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**Points: 780.13 Rank: 13934**

# Game of Thrones - I

👤 by **amititkgp**

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## Problem Statement

Dothraki are planning an attack to usurp King Robert's throne. King Robert learns of this conspiracy from Raven and plans to lock the single door through which the enemy can enter his kingdom.



But, to lock the door he needs a key that is an anagram of a certain palindrome string.

The king has a string composed of lowercase English letters. Help him figure out whether any anagram of the string can be a palindrome or not.

### Input Format
A single line which contains the input string.

### Constraints
$1 \leq length\ of\ string \leq 10^5$
Each character of the string is a lowercase English letter.

### Output Format
A single line which contains YES or NO in uppercase.

### Sample Input : 01

```
aaabbbb
```

### Sample Output : 01

```
YES
```

### Explanation
A palindrome permutation of the given string is *bbaaabb*.

### Sample Input : 02

```
cdefghmnopqrstuvw
```

## Sample Output : 02

```
NO
```

## Explanation

You can verify that the given string has no palindrome permutation.

## Sample Input : 03

```
cdcdcdcdeeeef
```

## Sample Output : 03

```
YES
```

## Explanation

A palindrome permutation of the given string is *ddcceefeeccdd*.

### Related Topics

[Palindrome](#)

[Dictionary](#)

[Anagram](#)

**Submissions:** 30604

**Max Score:** 30

**Difficulty:** Easy

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**Current Buffer** (saved locally, editable)         Java 8

```java
1  import java.io.*;
2  import java.util.*;
3
4  public class Solution {
5
6      public static void main(String[] args) {
7          /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named
   Solution. */
8      }
9  }
```

Line: 1 Col: 1

⬆ Upload Code as File          ☐ Test against custom input                                    Run Code        Submit Code

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