**Good String**

[string](http://www.practice.geeksforgeeks.org/tag-page.php?tag=string&isCmp=0)

Given a string **S** of length **N**, you have to tell whether it is good or not. A *good* string is one where the distance between**every** two adjacent character is exactly 1. Here distance is defined by minimum distance between two character when alphabets from '**a**' to **'z'**are put in cyclic manner. For example distance between 'a' to 'c' is 2 and distance between 'a' to 'y' is also 2. The task is to print **"YES"** or**"NO"**(without quotes) depending on whether the given string is Good or not.

**Input:**  
First line of the input contains**T** denoting the number of test cases.Then **T** lines follow. Each line contains a string **S**.

**Output:**  
Print  the answer for each testcase in a separate line.

**Constraints:**

1≤**T**≤50  
1≤**|S|**≤50  
  
**Note: S** contains only lowercase alphabetic characters

**Input:**  
3  
aaa  
cbc  
bcd

**Output:**  
NO  
YES  
YES

\*\*For More Examples Use Expected Output\*\*

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=1366>

**static** **int** dif(String ch1, String ch2) {

        String abc = "abcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyz";

*//String ch1 = "a";*

*//String ch2 = "z";*

**int** i1 = abc.indexOf(ch1);

**int** i2 = abc.lastIndexOf(ch1);

**int** j1 = abc.indexOf(ch2);

**int** j2 = abc.lastIndexOf(ch2);

**int**[] a = {i1, i2};

**int**[] b = {j1, j2};

**int** minDif = Integer.MAX\_VALUE;

**for**(**int** i =0; i<a.length; i++) {

**for**(**int** j =0; j<b.length; j++) {

                minDif = Math.min(minDif, Math.abs( a[i] - b[j]));

            }

        }

**return** minDif;

    }

**public** **static** **void** main(String[] args) {

*// TODO code application logic here*

        Scanner sc = **new** Scanner(System.in);

**int** t = Integer.parseInt(sc.nextLine());

**while**(t-- > 0) {

           String s = sc.nextLine();

**boolean** good = **true**;

**for**(**int** i =0; i + 1<s.length(); i++) {

**if**(dif(String.valueOf( s.charAt(i)), String.valueOf( s.charAt(i+1))) != 1) {

                   good = **false**;

**break**;

               }

           }

**if**(good) {

               System.out.println("YES");

           } **else** {

               System.out.println("NO");

           }

        }

*//System.out.println(minDif);*

    }