



HackerRank in a String!

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Problem

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We say that a string, s , contains the word `hackerrank` if a [subsequence](#) of the characters in s spell the word `hackerrank`. For example, `haacckkerrannkk` does contain `hackerrank`, but `haacckkerannk` does not (the characters all appear in the same order, but it's missing a second `r`).

More formally, let p_0, p_1, \dots, p_9 be the respective indices of `h`, `a`, `c`, `k`, `e`, `r`, `r`, `a`, `n`, `k` in string s . If $p_0 < p_1 < p_2 < \dots < p_9$ is true, then s contains `hackerrank`.

You must answer q queries, where each query consists of a string, s . For each query, print `YES` on a new line if s contains `hackerrank`; otherwise, print `NO` instead.

Input Format

The first line contains an integer denoting q (the number of queries).
Each line of the q subsequent lines contains a single string denoting s .

Constraints

- $2 \leq q \leq 10^2$
- $10 \leq \text{length}(s) \leq 10^4$

Output Format

For each query, print `YES` on a new line if s_i contains `hackerrank`; otherwise, print `NO` instead.

Sample Input 0

```
2
hereiamstackerrank
hackerworld
```

Sample Output 0

```
YES
NO
```

Explanation 0

We perform the following $q = 2$ queries:

1. $s = \text{hereiamstackerrank}$

The characters of `hackerrank` are bolded in the string above. Because the string contains all the characters in `hackerrank` in the same exact order as they appear in `hackerrank`, we print `YES` on a new line.

2. $s = \text{hackerworld}$ does not contain the last three characters of `hackerrank`, so we print `NO` on a new line.

Submissions: [21229](#)

Max Score: 20

Difficulty: Easy

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```
1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 public class Solution {
8
9     public static void main(String[] args) {
10         Scanner in = new Scanner(System.in);
11         int q = in.nextInt();
12         for(int a0 = 0; a0 < q; a0++){
13             String s = in.next();
14             // your code goes here
15         }
16     }
17 }
18
```

Line: 1 Col: 1

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