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

Input Format

The first line contains an integer denoting q (the number of queries).

Each line i of the q subsequent lines contains a single string denoting s_i .

Constraints

- $2 \leq q \leq 10^2$
- $10 \leq |s_i| \leq 10^4$

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:

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

[f](#) [t](#) [in](#)Contest ends in 2 days



Submissions: 943

Max Score: 20

Difficulty: Easy

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```
1 using System;
2 using System.Collections.Generic;
3 using System.IO;
4 using System.Linq;
5 class Solution {
6
7     static void Main(String[] args) {
8         int q = Convert.ToInt32(Console.ReadLine());
9         for(int a0 = 0; a0 < q; a0++){
10             string s = Console.ReadLine();
11             // your code goes here
12
13             string hack = "hackerrank";
14             int ind_hack = 0;
15
16             for (int i = 0; i < s.Length; i++)
17             {
18                 if (s[i] == hack[ind_hack])
19                 {
20                     ind_hack++;
21                 }
22                 if (ind_hack == hack.Length)
23                 {
24                     Console.WriteLine("YES");
25                     break;
26                 }
27             }
28
29             if (ind_hack < hack.Length)
30             {
31                 Console.WriteLine("NO");
32             }
33         }
34     }
35 }
36
37 }
```

Line: 13 Col: 13

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

Run Code

Submit Code

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