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# HackerRank in a String!



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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, haacckkerrankk does contain hackerrank, but haacckkerrank 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 hackernank.

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

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

#### **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 =hereiamstackerrank

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

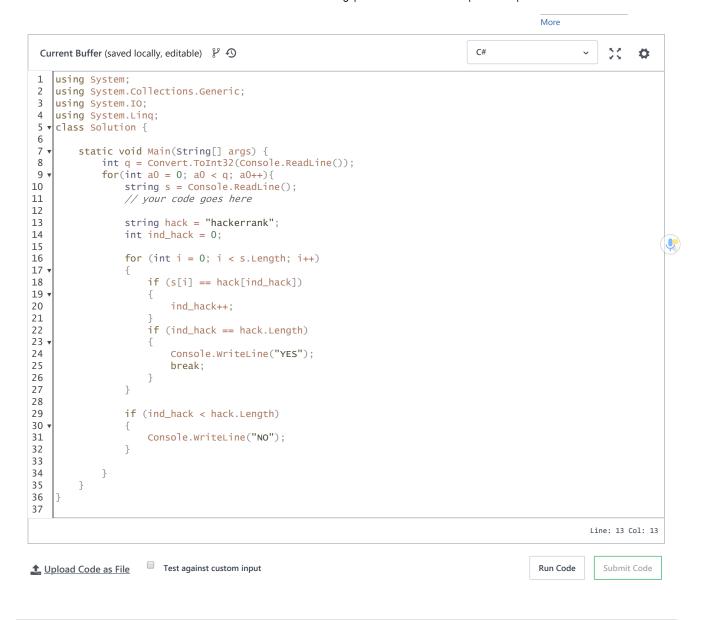
2.  $\mathbf{s} = \mathbf{hackerworld}$  does not contain the last four characters of hackernank, so we print NO on a new line.

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Contest ends in 2 days

Submissions: 943 Max Score: 20 Difficulty: Easy

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