**H**      🏠 Practice      🕐 Compete      💼 Jobs      🎖 Rank      🏆 Leaderboard      🔍 [                    ]      💬 1      📢      H nac

Dashboard > Algorithms > Strings > HackerRank in a String!

Points: 2332.04 Rank: 4313

# HackerRank in a String! 🔖

👤 by shashank21j

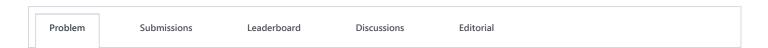| Problem | Submissions | Leaderboard | Discussions | Editorial |

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 $p_0, p_1, \cdots, p_9$ be the respective indices of `h`, `a`, `c`, `k`, `e`, `r`, `r`, `a`, `n`, `k` in string $s$. If $p_0 < p_1 < p_2 < \cdots < p_9$ 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:
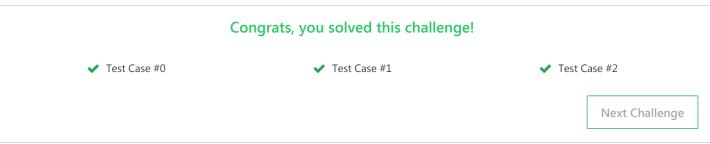
1. $s = $ **hereiamstackerrank**
   The characters of `hackerrank` are bolded in the string above. Because the string contains all the characters in `hackerrank` in the same exact order as they appear in `hackerrank`, we print `YES` on a new line.

2. $s = $ **hackerworld** does not contain the last four characters of `hackerrank`, so we print `NO` on a new line.

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More

Current Buffer (saved locally, editable)                    C#

```
 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           {
11               string s = Console.ReadLine();
12               // your code goes here
13               string hack = "hackerrank";
14               int ind_hack = 0;
15               for (int i = 0; i < s.Length; i++)
16               {
17                   if (s[i] == hack[ind_hack])
18                   {
19                       ind_hack++;
20                   }
21                   if (ind_hack == hack.Length)
22                   {
23                       Console.WriteLine("YES");
24                       break;
25                   }
26               }
27               if (ind_hack < hack.Length)
28               {
29                   Console.WriteLine("NO");
30               }
31           }
32
33       }
34   }
35
```

Line: 16 Col: 18

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

## Congrats, you solved this challenge!

✔ Test Case #0          ✔ Test Case #1          ✔ Test Case #2

Next Challenge

Join us on IRC at #hackerrank on freenode for hugs or bugs.