Highlight Landmarks

by **cashlo**

Problem	Submissions	Leaderboard	Discussions

At Booking.com we work hard to make sure everyone can find the destinations they are looking for. We give customers descriptions of the destinations to help them make the decision, and to make the descriptions extra clear we want to highlight the landmark names in the descriptions. It looks like this:

if one word could encapsulate the essence of this historic city it would be drama start your day at the show-stopping **pantheon** followed by a gelato at the acclaimed **trevi** fountain then hop between buzzing bars in vivacious **trastevere**

You are given a description string and landmark names we need to highlight. Can you output the description string with the names enclosed by `<b>` and `</b>`?

Input Format

- First line is the description string **D**.

- The second line contains an integer **L** which is the number of landmark names.

- The third line is a space-separated list **n** of the distinct **L** landmark names.

Constraints

- Length of **D** is ≤ 2,500 and it contains only lowercase english letters (a-z) and the space character(' ').

- 1 ≤ **L** ≤ 100

- Length of **n** is ≥ 1 and ≤ 100 and it contains only lowercase english letters (a-z).

- The landmark names are distinct.

Output Format

The highlighted string

Sample Input 0

```
if one word could encapsulate the essence of this historic city it would be drama start your day at the show stopping pantheon
followed by a gelato at the acclaimed trevi fountain then hop between buzzing bars in vivacious trastevere
3
pantheon trevi trastevere
```

Sample Output 0

```
if one word could encapsulate the essence of this historic city it would be drama start your day at the show stopping <b>pantheon</b>
followed by a gelato at the acclaimed <b>trevi</b> fountain then hop between buzzing bars in vivacious <b>trastevere</b>
```

Sample Input 1

```
bookingcom the world leader in connecting travellers with awesome places to stay has brought you the inside scoop of all the glitz
and glam of hollywood stroll down sunset boulevard hike to the hollywood sign stand with the stars and sample the joy of jazz music
so that you can truly immerse yourself in all things la la land
3
hollywood boulevard losangeles
```

Sample Output 1

```
bookingcom the world leader in connecting travellers with awesome places to stay has brought you the inside scoop of all the glitz
and glam of <b>hollywood</b> stroll down sunset <b>boulevard</b> hike to the <b>hollywood</b> sign stand with the stars and sample
the joy of jazz music so that you can truly immerse yourself in all things la la land
```

f   𝕏   in

Contest ends in a day

Submissions: 607
Max Score: 10
Difficulty: Easy

Rate This Challenge:
★★★★★

More

Current Buffer (saved locally, editable)

C#

```csharp
1  using System;
2  using System.Collections.Generic;
3  using System.IO;
4  using System.Linq;
5
6  namespace Solution {
7      class Solution {
8          static void Main(string[] args) {
9              /* Enter your code here. Read input from STDIN. Print output to STDOUT */
10
11             string D = Console.ReadLine();
12             int n = int.Parse(Console.ReadLine());
13             string[] names = Console.ReadLine().Split(' ');
14
15             string[] split = D.Split(' ');
16
17
18             for (int i = 0; i < names.Length; i++)
19             {
20
21                 for (int j = 0; j < split.Length; j++)
22                 {
23                     if (names[i] == split[j])
24                     {
25                         split[j] = "<b>" + names[i] + "</b>";
26                     }
27                 }
28             }
29
30             Console.WriteLine(String.Join(" ", split).Trim());
31
32         }
33     }
34 }
35
```

Line: 30 Col: 63

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

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

Contest Calendar | Interview Prep | Blog | Scoring | Environment | FAQ | About Us | Support | Careers | Terms Of Service | Privacy Policy | Request a Feature

https://www.hackerrank.com/contests/booking-womenintech/challenges/highlight-landmarks
2/2