

โจทย์ข้อที่ 8

JS Is a String Stretched?

...

Write a function that returns true if the first string is the second string stretched, and false otherwise. A stretch is to repeat each character in a string the same number of times. Examples `isStretched("pppaaannnddaaa", "panda") → true` `isStretched("sssshhiipp", "ship") → false` `isStretched("magnet", "magnet") → true` i ...

strings validation

Hard

introductions

Is a String Stretched?

Published by [Helen Yu](#) in [JavaScript](#) ▾

bookmark

strings

validation

Write a function that returns `true` if the first string is the second string **stretched**, and `false` otherwise. A stretch is to repeat each character in a string the **same number of times**.

Examples

```
isStretched("pppaaannnddaaa", "panda") → true
isStretched("sssshhiipp", "ship") → false
isStretched("magnet", "magnet") → true
isStretched("magneto", "magnet") → false
```

Notes

- Both strings must contain the same letters in order for the stretch to be valid.
- All strings will be in lower case letters.

SUGGEST EDIT

Code

assign > JS ls_a_String_Stretched.js > ...

```
1  function isStretched(s1, s2) {
2      let samechars = 0;
3      let s2check = 0;
4      let founds = 0;
5      if(s1.length<s2.length){
6          return false;
7      }
8      for(x=0;x<s1.length;x++){
9          if(s1[x]==s2[s2check]){
10             if(s2check==0){samechars++;}
11             founds++;
12         }else if(s1[x]!=s2[s2check]&&founds!=samechars){
13             return false;
14         }else{
15             s2check++;
16             founds=1;
17             if(s2[s2check]==undefined){
18                 return false;
19             }
20         }
21     }
22 }
23 return true;
24 }
```

```
26 console.log(isStretched("pppaaannndddaaa", "panda"))//, true)
27 console.log(isStretched("hheelllloo", "hello"))//, false)
28 console.log(isStretched("magnet", "magnet"))//, true)
29 console.log(isStretched("eeeeemmmmmoooootttttiiiioooooonnnn", "emotion"))//, true)
30 console.log(isStretched("sssshhiipp", "ship"))//, false)
31 console.log(isStretched("cccaaannnddooorrr", "candor"))//, false)
32 console.log(isStretched("relationship", "relationship"))//, false)
33 console.log(isStretched("magn", "magnet"))//, false)
34 console.log(isStretched("magneto", "magnet"))//, false)
35 console.log(isStretched("maggnet", "magnet"))//, false)
```

Run

```
PS C:\Users\Admin\Desktop\JSpilot\JavaScript\assign> node .\Is_a_String_Stretch.js
true
false
true
true
false
false
false
false
false
false
PS C:\Users\Admin\Desktop\JSpilot\JavaScript\assign> █
```