Day 7: Regular Expressions I ★

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Objective

In this challenge, we use a Regular Expression to evaluate a string. Check out the attached tutorial for more details.

Task

Complete the function in the editor below by returning a RegExp object, re, that matches any string s that begins and ends with the same vowel. Recall that the English vowels are a, e, i, o, and u.

Constraints

- The length of string s is ≥ 3.
- String s consists of lowercase letters only (i.e., [a-z]).

Output Format

The function must return a RegExp object that matches any string s beginning with and ending in the same vowel.

Sample Input 0

    bcd

Sample Output 0

    false

Explanation 0

This string starts with (and ends in) a consonant, so it cannot start and end with the same vowel.

Sample Input 1

    abcd

Sample Output 1

    false

Explanation 1

This string ends in a consonant, so it cannot start and end with the same vowel.

Sample Input 2

    abcda

Sample Output 2

    true

Explanation 2

This string starts and ends with the same vowel (a).

Sample Input 3

```
abcdo
```

Sample Output 3

```
false
```

Explanation 3

This string starts with the vowel a but ends in the vowel o.

Change Theme   Language: JavaScript (Node.js)   ⟳ ⤢ ⚙

```
 1    'use strict';⋯
24
25    function regexVar() {
26        /*
27         * Declare a RegExp object variable named 're'
28         * It must match a string that starts and ends with the same vowel (i.e., {a, e, i,
      o, u})
29         */
30        const re = new RegExp('^([a,e,i,o,u]).*\\1$')
31
32        /*
33         * Do not remove the return statement
34         */
35        return re;
36    }
37
38    function main() {
39        const re = regexVar();
40        const s = readLine();
41
42        console.log(re.test(s));
43    }
```

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