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Cyclic String

 139,154



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CODEWRITING SCORE: 300/300

You're given a **substring** `s` of some **cyclic string**. What's the length of the smallest possible string that can be concatenated to itself many times to obtain this cyclic string?

Example

For `s = "cabca"` , the output should be `cyclicString(s) = 3` .

"cabca" is a substring of a cycle string "abcabcabcabc..." that can be obtained by concatenating "abc" to itself. Thus, the answer is 3 .

Input/Output

- **[execution time limit] 4 seconds (js)**
- **[input] string s**

Guaranteed constraints:
`3 ≤ s.length ≤ 15` .

- **[output] integer**

[JavaScript (ES6)] Syntax Tips

```
// Prints help message to the console
// Returns a string
function helloWorld(name) {
  console.log("This prints to the console when you Run Tests");
  return "Hello, " + name;
}
```