Day 3: Try, Catch, and Finally ★

7 more challenges to get your next star!

Points: **10/17**

You have successfully solved Day 3: Try, Catch, and Finally   Compart   Tweet

You are now 7 challenges away from the 4th star for your 10 days of js badge.

Try the next challenge | **Try a Random Challenge**

| Problem | Submissions | Leaderboard | Editorial | Topics |

RATE THIS CHALLENGE

★ ★ ★ ★ ★

Objective

In this challenge, we learn about strings and exceptions. Check out the attached tutorials for more details.

Task

Complete the reverseString function; it has one parameter, s. You must perform the following actions:

1. Try to reverse string s using the split, reverse, and join methods.

2. If an exception is thrown, catch it and print the contents of the exception's *message* on a new line.

3. Print s on a new line. If no exception was thrown, then this should be the reversed string; if an exception was thrown, this should be the original string.

Input Format

Locked stub code in the editor reads variable s from stdin and passes it to the function.

Output Format

You must write two print statements using `console.log()`:

1. Print the contents of a caught exception's *message* on a new line. If no exception was thrown, this line should not be printed.

2. Print s on a new line. If no exception was thrown, then this should be the reversed string; if an exception was thrown, this should be the original string.

Sample Input 0

```
"1234"
```

Sample Output 0

```
4321
```

Explanation 0

$s =$ **"1234"** is a string type, so it can be reversed without throwing an exception. Thus, we print the reversed value, 4321, as our answer.

Sample Input 1

```
Number(1234)
```

Sample Output 1

```
s.split is not a function
1234
```

Explanation 1

$s =$ Number(1234) is not a string type, so it can't be reversed using string functions. When we try to reverse it anyway, it throws an exception. We then catch the exception and print its *message*, which is s.split is not a function. Next, we finally print s which, because it wasn't able to be reversed, is Number(1234).

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

```
 1    'use strict'; …
24
25    /*
26     * Complete the reverseString function
27     * Use console.log() to print to stdout.
28     */
29    function reverseString(s) {
30
31        try
32        {
33            s=s.split('').reverse().join('')
34        }
35        catch(e)
36        {
37            console.log(e.message)
38        }
39        finally{
40            console.log(s)
41        }
42    }
43
44    …
```

Line: 24 Col: 1

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

---

Congratulations   Next Challenge

You solved this challenge. Would you like to challenge your friends?

✓ **Test case 0**   Compiler Message

✓ **Test case 1**   Success

✓ **Test case 2** 🔒

✓ **Test case 3** 🔒   Input (stdin)   Download

                          1   "1234"

                          Expected Output   Download

                          1   4321