BACK

Count Elements

168,854

DESCRIPTION | MY SOLUTIONS | LEADERBOARD | COMMENTS | README

CODEWRITING SCORE: 300/300

You've been invited to a job interview at a famous company that tests programming challenges. To evaluate your coding skills, they have asked you to parse a given problem's input given as an `inputString` string, and count the number of *primitive type* elements within it.

The `inputString` can be either a *primitive type* variable or an array (possibly multidimensional) that contains elements of the *primitive types*. A *primitive type* variable can be:

- an integer number;
- a string, which is surrounded by `"` characters (note that it may contain **any** character except `"`);
- a boolean, which is either `true` or `false`.

Return the total number of *primitive type* elements inside `inputString`.

Example

- For `inputString = "[[0, 20], [33, 99]]"`, the output should be `countElements(inputString) = 4`;
- For `inputString = "[ "one", 2, "three" ]"`, the output should be `countElements(inputString) = 3`;
- For `inputString = "true"`, the output should be `countElements(inputString) = 1`;
- For `inputString = "[[1, 2, [3]], 4]"`, the output should be `countElements(inputString) = 4`.

Input/Output

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

  Correct input of a given problem.

  Guaranteed constraints:
  `2 ≤ inputString.length ≤ 60`.

- **[output] integer**

  The total number of *primitive type* elements within the input.

[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;
}
```