BACK

digitDegree

DESCRIPTION SOLUTIONS 6497 COMMENTS 12 CODEWRITING SCORE: 300/300

Let's define *digit degree* of some positive integer as the number of times we need to replace this number with the sum of its digits until we get to a one digit number.

Given an integer, find its digit degree.

Example

- For `n = 5`, the output should be
  `digitDegree(n) = 0`;
- For `n = 100`, the output should be
  `digitDegree(n) = 1`.
  `1 + 0 + 0 = 1`.
- For `n = 91`, the output should be
  `digitDegree(n) = 2`.
  `9 + 1 = 10 -> 1 + 0 = 1`.

Input/Output

- **[execution time limit] 4 seconds (js)**
- **[input] integer n**

  Guaranteed constraints:
  $5 \le n \le 10^9$.
- **[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;
}
```