

BACK

digitsProduct



DESCRIPTION

SOLUTIONS 5140

COMMENTS 87



CODEWRITING

SCORE: 300/300

Given an integer `product` , find the *smallest positive* (i.e. greater than `0`) integer the product of whose digits is equal to `product` . If there is no such integer, return `-1` instead.

Example

- For `product = 12` , the output should be
`digitsProduct(product) = 26` ;
- For `product = 19` , the output should be
`digitsProduct(product) = -1` .

Input/Output

- [execution time limit] 4 seconds (js)
- [input] integer `product`

Guaranteed constraints:

$0 \leq \text{product} \leq 600$.

- [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;
}
```

