BACK

Is MAC48 Address?





DESCRIPTION

SOLUTIONS 3653

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CODEWRITING SCORE: 300/300

A media access control address (MAC address) is a unique identifier assigned to network interfaces for communications on the physical network segment.

The standard (IEEE 802) format for printing MAC-48 addresses in human-friendly form is six groups of two hexadecimal digits (0 to 9 or A to F), separated by hyphens (e.g. 01-23-45-67-89-AB).

Your task is to check by given string inputString whether it corresponds to MAC-48 address or not.

Example

```
    For inputString = "00-1B-63-84-45-E6", the output should be isMAC48Address(inputString) = true;
    For inputString = "Z1-1B-63-84-45-E6", the output should be isMAC48Address(inputString) = false;
    For inputString = "not a MAC-48 address", the output should be isMAC48Address(inputString) = false.
```

Input/Output

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

```
Guaranteed constraints:
15 ≤ inputString.length ≤ 20.
```

• [output] boolean

true if inputString corresponds to MAC-48 address naming rules, false otherwise.

[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;
}
```