

BACK

messageFromBinaryCode



DESCRIPTION

SOLUTIONS 4894

COMMENTS 13



CODEWRITING

SCORE: 300/300

You are taking part in an Escape Room challenge designed specifically for programmers. In your efforts to find a clue, you've found a binary code written on the wall behind a vase, and realized that it must be an encrypted message. After some thought, your first guess is that each consecutive 8 bits of the code stand for the character with the corresponding [extended ASCII code](#).

Assuming that your hunch is correct, decode the message.

Example

For `code = "010010000110010101101100011011000110111100100001"`, the output should be `messageFromBinaryCode(code) = "Hello!"`.

The first 8 characters of the code are `01001000`, which is 72 in the binary numeral system. 72 stands for `H` in the *ASCII-table*, so the first letter is `H`. Other letters can be obtained in the same manner.

Input/Output

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

A string, the encrypted message consisting of characters `'0'` and `'1'`.

Guaranteed constraints:

`0 < code.length < 800`.

- **[output] string**

The decrypted message.

[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;
}
```

