1271. Hexspeak

Description

A decimal number can be converted to its **Hexspeak representation** by first converting it to an uppercase hexadecimal string, then replacing all occurrences of the digit `'0'` with the letter `'O'`, and the digit `'1'` with the letter `'I'`. Such a representation is valid if and only if it consists only of the letters in the set `{'A', 'B', 'C', 'D', 'E', 'F', 'I', 'O'}`.

Given a string `num` representing a decimal integer `n`, *return the* ***Hexspeak representation*** *of* `n` *if it is valid, otherwise return* `"ERROR"`.

Example 1:

```
Input: num = "257"
Output: "IOI"
Explanation: 257 is 101 in hexadecimal.
```

Example 2:

```
Input: num = "3"
Output: "ERROR"
```

Constraints:

- `1 <= num.length <= 12`
- `num` does not contain leading zeros.
- num represents an integer in the range `[1, 10^12]`.