

Description

Solution

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Submissions

iJava

Autocomplete

i

{ }

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🔄

1256. Encode Number

Medium

👍 55

👎 188

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Given a non-negative integer `num`, Return its *encoding* string.

The encoding is done by converting the integer to a string using a secret function that you should deduce from the following table:

n	f(n)
0	""
1	"0"
2	"1"
3	"00"
4	"01"
5	"10"
6	"11"
7	"000"

Example 1:

Input: num = 23
Output: "1000"

Example 2:

Input: num = 107
Output: "101100"

Constraints:

- 0 <= num <= 10^9

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Yes

No

Companies *i* ^

0 ~ 6 months 6 months ~ 1 year 1 year ~ 2 years

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Convert to Base -2 Medium

Hide Hint 1 ^

Try to find the number of binary digits returned by the function.

Hide Hint 2 ^

The pattern is to start counting from zero after determining the number of binary digits.

```
1 class Solution {
2     public String encode(int num) {
3
4     }
5 }
```



⋮